



The Resonator

Official Newsletter of The Fair Lawn (NJ) Amateur Radio Club

Volume 7, Number 10

www.FairLawnARC.org

October 2022

Member Profile

NAME: Mitchell Spingarn

CALL: KD2IIU

What do you do/what did you do for a living?

I practiced law but have retired from doing so. I am licensed in New Jersey and Florida, got my JD degree from the University of Florida and my BA degree from Rutgers University. Most of my professional experience has been with government, last as an Assistant Prosecutor for the County of Passaic. After leaving that service, I opened my own office in Clifton as a sole practitioner but closed it three years ago.

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From The President

Dear FLARC Family,

As we enter our last quarter of 2022, we are saddened to hear of the passing of Ron Fecher, KC2TBD. I had the opportunity to speak multiple times with Ron and he was always a very interesting person. Well spoken, and he always gave me the opportunity to learn something new.

He was passionate of his walks and also of his garden. I had the pleasure to enjoy spinach grown by him. It was almost a sure thing that he'd be joining us Monday's on the "Near and Far Net."

During the difficult "COVID months" he always showed up to check in on the "Umbrella Net" to let us know he was well, and remind us all to be careful and protect ourselves during those trying months.

Ron always made sure, in his soft spoken voice, that he cared for his FLARC Family. We sincerely, deeply and most affectionately sympathize with those of his immediate relatives and friends, who are most heart-stricken at the loss they have sustained, and we say to our departed friend Ron: GODSPEED and may you rest in peace, we will always remember you.

On a different topic, I would like to

Continued on next page.

Ron Fecher KC2TBD SK

The club has been informed by his daughter that Ron Fecher KC2TBD died last week. Ron was a long-time (more than 20 years) member of FLARC and active on the Monday "Near and Far Net."

Ron was a chemist and did medical research for many years. From his March 2016 Resonator profile, "*I knew about FLARC for many years; the Fair Lawn Fishing and Hunting Club shared the same building (on River Road) and I was a member. Stu Albert later became a member and he suggested that we join FLARC. For me, it was a challenge to see whether I could pass the FCC test. I wondered if I could still hack it... I did and received a Technician license.*"

Of his interests: "*I enjoy the companionship of the club's technical people with a world of experience in communication, electronics, and computers. The various projects that they are involved in whether contacting astronauts on spacecrafts, setting up MESH systems, SOTA enthusiasts to name a few are of great interest to me...I feel a little bad that with the introduction of SOTA it hadn't arrived sooner; it could have combined my passion for hiking with that of ham radio.*"



Ron KC2TBD SK

From The President, continued

announce that we now have a LOCAL source for FLARC outwear – all embroidered with your name and call sign.

Karyn Visscher has already done quite a few shirts for our members, and everyone seems to like them a lot.

She offers a variety of items, such as:

- Polo shirts
- Regular shirts
- and now, Fall & Winter attire

A FLARC polo shirt (with name & call embroidered) is only \$25 for sizes up to 2XL; 3XL and larger are \$30.

If anyone needs more information, please contact me or reach out to Karyn directly at kbvisscheer@gmail.com

73,

Nomar, NP4H

Call for Officers and Trustees

According to the club By-Laws, the Nominating Committee (consisting of the two trustees who will continue next year – Fred W2ABE and Brian KD2KLN) will present their suggestion of candidates for officers and one trustee at the October business meeting.

If they tap you for an assignment, say yes!

Also at the October and November meeting, other nominations will be accepted "from the floor." If you plan to nominate someone, please check with them first to assure they are willing to run for that office.

If you are interested in serving this great club, let someone nominate you.

Elections are held at the annual business meeting in December.

FLARC To Hold VE Testing On October 15th

On October 15, 2022 Fair Lawn Amateur Radio Club will continue amateur radio test sessions.

The location is at:

The Fair Lawn Recreation Center
10-10 20th Street
Fair Lawn, NJ

NOTE THAT THIS IS AN INDOOR LOCATION!

Covid-19 related incidents will cancel testing.

Prior to Testing:

Send an email to wo2w@arrl.net requesting to book your spot. **Pre-registration is REQUIRED.**

Please Bring With You:

- You **MUST** bring and **WEAR** personal PPE items including a face mask
- 2 pens and 2 pencils. None will be provided to you due to possible virus transmission
- Your FRN number, and (if licensed) a copy of your ham license or a valid CSCE (Certificate of Successful Completion Exam)
- A completed Form 605 (which will be sent to you ahead of your test session, along with your assigned test time.)
- Additionally, the **\$15.00 exam fee**. This is payable in cash (**exact amount is a must**);
new rule: a fee of \$35 must be paid to FCC directly after passing the test (get details from Examiner).
- 3 copies of the CSCE form which will be sent to you ahead of your test session

Additional scheduled testing dates are:
October 15, 2022 and November 12, 2022.

FLARC is following government Covid-19 guidance closely and all events will adhere accordingly to the latest advice.



Seasons They Are A'chang'in ...

The Earth works. Here's the view on September 22nd at 0811 EDT at the start of Autumn via PSKreporter.



The map above shows what is called "the gray line" – which is the boundary between day and night. The unique feature of the gray line at the solstice is that the vertical boundary IS vertical. At any other time of the year, the boundary is curved so that day and night are equal only at the Equator.

As a side note, very often the best DX signals are when one or both stations are right at or near the gray line.

Good DX to you.

[See page 39 for world sunsets at Equinox.]

Hawthorne "Green Fair"



"Can you send your name in Morse Code?" asks Larry WA2ALY at our public displays.

Hawthorne Green Fair

FLARC was invited to participate in this year's event after seeing our operation at Great Falls in April. Despite being rained out a week earlier, there was still a large amount of interest and the club demonstrated ham radio to beginners and hopefully inspired enough interest to get a few new members.

This was our first large scale demonstration of FT8 to the public and Captain Larry WA2ALY rocked visitors with Morse Code. We thought it a good event and we were asked to come back again next year.

Thanks to NP4H, W2NZ, WA2ALY, W2JC, WI2W, and WX2R for the time and the equipment on September 18th.



The FLARC Pop-up



KD2BRV and W2JC chat while NP4H admires the antenna



Captain Larry WA2ALY holds court

The Great FLARC Auction is Friday, November 25th!! Save The Date!!

What: The Great FLARC Auction

When: Friday, November 25, 2022
(Day After Thanksgiving)

Where: Fair Lawn Senior Center,
11-05 Gardiner Road, Fair Lawn

Why: Raise money, sell "junque," have fun!

Who: You!

How Much:

The pre-Auction "Buyer Registration and Item Listing Fee" is \$5.00 and includes one free admission.

At the gate the "Buyer Registration and Item Listing Fee" is \$8.00 and includes one free admission.

Additional individuals, such as seller's helpers, pay the general admission fee of \$5.00 per person.

Non-seller admission is \$5.00 per person.

How:

Volunteer. There are lots of openings for runners, setup, kitchen, general logistics.

See: Bill WA2WL or Gene WO2W

Go To: <https://auction.fairlawnarc.org/>

FLARC is following government Covid-19 guidance closely and all events will adhere accordingly to the latest advice.

Pandemic Theatre

Here is a vintage reel showing the making of a rare Baltika radio receiver in 1936.

About eight minutes in length.



<https://youtu.be/01o1zClYapA>

"I can hear you now!"

The new Repeater antenna was installed on Sept. 24 on Tower 2, using a hinged raising method with a winch mounted to the tower supported by a lower hinge base and two custom brackets mounted to the Tower.

The Antenna is a Commscope (formerly known as DB Products) DB-224E which is Omni-Directional and 21 ft. in total length. Since this is a Commercial Grade Antenna designed for longevity and high performance, there should be little to no maintenance involved. If any repairs are needed, this mounting method will reduce climbing exposure and facilitate easier maintenance for us older folks.

A short piece of 1/2" Heliax (Hardline) cable was installed on the section tower and mast leading to the antenna. Preliminary tests have shown a decent increase in coverage. The area around the Tower Base was also cleaned up. Thanks to all who have assisted in making this possible.

— Paul Cornett W2IP



POW / MIA Recognition Day

On September 16th FLARC took part in this special day to keep alive those who have not yet returned home from service.

We were one of 20 stations that took part across the nation; an event started and maintained by Mike Bald K4MIA. Operating as K4MIA/4, we reported 203 QSOs on CW, SSB, and FT8.

A thanks to KA2YRA, WX2R, W2MSA, NP4H, N2AAM, W2SCT, KD2YEW, KD2KLN, N2JLF, KC2ORX, WA2FYF, W2JC, KD2GKA, W2KBF, W2IP and WA2BYX for operating, assisting, and/or supporting this event.



2022 K4MIA Official QSL



Recognition outside the clubhouse



KA2YRA at the FT8 position

The Fair Lawn Amateur Radio Club

Why Is FLARC New Jersey's Most Exciting Radio Club?

Events

- Field Day
- Winter Field Day
- World Amateur Radio Day
- Portable Days
- Earth Day
- Special events
- Memorial Day parade
- Independence Day fireworks
- Fair Lawn Street Fair(s)
- Ham fests/Auctions
- Foxhunts
- Contests
- Field trips
- Annual holiday party
- ...and more!



There Is Something Every Night At FLARC!

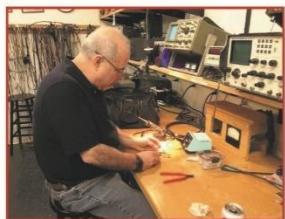
- Monday: Near and Far Net
- Tuesday: DMR Net
- Tuesday: "Pop Up" Open House/Open Zoom
- Wednesday: ARES/RACES Net
- Wednesday: Health and Welfare Net
- Thursday: Tech Net (with BARA)
- Friday: Kawfee Tawk Speaker Series (monthly)
- Weekends: POTA and other station activations

There is Something for Everyone at FLARC!



Special Interest Groups:

- Portable Ops: POTA, SOTA, etc.
- DX: Chase the rare ones
- Digital Voice: DMR and other digital modes
- FT8: And other WSJT modes
- Satellite: Also, for weather GPS interests
- Monitoring: SWL and other general listening
- And others to come!!



Plus:

- Monthly VE Testing
- An active repeater – W2NPT (linked with NJ2BS)
- New equipment in the shack
- New antennas on the roof
- A five-position operating club house
- Over 72 consecutive months of speaker programs to learn and grow.

That's why FLARC is the best club around!!

Join us in our in-person and in our Zoom Room for more activities, speakers, and projects to come!

FLARC is following Covid-19 government guidance closely and all events and activities will adhere accordingly to the latest advice.

The Club Fair Lawn ARC is the fastest growing ham club around, with five operating positions in a permanent clubhouse. Visitors and guests are always welcome. The club is open every Friday night, except when there is a Kawfee Tawk scheduled, from NLT 6:30 PM. Business meetings are the first Friday of the month at 7:30PM.

2022 Officers, Committees and Assignments

President	Nomar Vizcarrondo	NP4H
Vice President	David Corsello	KD2JIP
Treasurer	Bruce Kalogera	NJ2BK
Secretary	David Gotlib	KD2MOB
Trustee	Ed Efchak	WX2R
Trustee	Fred Wawra	W2ABE
Trustee	Brian Cirulnick	KD2KLN
<i>Field Day</i>	Noel Pagan Steve Rosman Steve Wraga	W2MSA KA2YRA WA2BYX
<i>Member Services Health & Welfare</i>	Judith Shaw	KC2LTM
<i>Marketing</i>	Ed Efchak Nomar Vizcarrondo Jim Cooper Dave Corsello	WX2R NP4H W2JC KD2JIP
<i>Program</i>	Ed Efchak	WX2R
<i>Video/YouTube</i>	Thom Guida	W2NZ
<i>Social Media</i>	Thom Guida Dave Marotti	W2NZ NK2Q
<i>Photographer</i>	Giovanni Lucero	K2GIO
<i>Community Relations</i>	Gene Ottenheimer Dave Gotlib Ed Efchak	WO2W KD2MOB WX2R
<i>Hamfest and Auction</i>	Gene Ottenheimer Bill Leger Bruce Kalogera	WO2W WA2WL NJ2BK
<i>Education</i>	Bill Kelly Earle "Skip" Barker Paul Brennan	NB1LL KD2BRV N6FB
<i>Net Scheduler</i>	Brian Cirulnick	KD2KLN
<i>Contests</i>	Lowell Vant Slot	W2DLT
<i>FLARC Historian</i>	Fred Belghaus	W2AAB
<i>Webmaster</i>	Jim Cooper	W2JC
<i>Technical</i>	Jim Cooper Paul Cornett Brad Kerber Fred Wawra Steve Rosman	W2JC W2IP KM2C W2ABE KA2YRA
<i>RACES/ARES Director</i>	Dave Gotlib	KD2MOB
<i>RACES/ARES Liaison</i>	Steve Wraga	WA2BYX
<i>Newsletter Editor</i>	Ed Efchak	WX2R
<i>Newsletter Publisher</i>	Jim Cooper	W2JC
<i>Quartermaster</i>	Brian Cirulnick	KD2KLN
<i>W2NPT Trustee</i>	Paul Cornett	W2IP
<i>NK2H Trustee</i>	Ed Efchak	WX2R

President serves as ex officio to all committees

At Deadline

FLARC's presence at the Hawthorne Green Fair on September 18th made both the Fair Lawn and Hawthorne editions of *TapInto*.

Here's the link... check out Captain Larry!

<https://mail.google.com/mail/u/1/#all/FMfcgzGqQcsMJSQqFHzQJTgmnbpdZpss>



It's OPtober™!

Get On the Air!!

FLARC:

The Friendliest Club Around!



2022 FLARC Kawfee Tawk Programs

Date	Presenter	Program
January 21, 2022 (Friday)	Bob Antoniuk N2SU	The History of Call Signs
February 18, 2022 (Friday)	Matt Heere N3NWV	POTA – Get Involved!!
February 26, 2022 (Saturday)	Barry Feiurman K3EUI	NANO VNA Part 2
March 18, 2022	Charlie Cebula AC2ZU	How the Telegraph Helped the North Win the Civil War
March 30, 2022	Ed Efchak WX2R	The 2022 FLARC Member Survey
April 15, 2022	Sandipan Basu Mallick VU3JDX	The Union of Asian DX'ers and DX'ing From India
May 13, 2022 (2 nd Friday)	Frank Donovan	6 Meter Antennas and Propagation
June 17, 2022	Gordon Beatty W2TTT	Setting Up Your Amateur Radio Station
July 15, 2000	Van W2DLT /Fred Belghaus W2AAB	On QSL'ing
August 12, 2022	Jose Vincennes NP4G	DX'peditioning
September 23, 2022	Howard Bernstein WB2UZE and Jim Cross W6JIM	How to Learn and Have Fun with Morse Code
October 5, 2022 (Wednesday)	Tom Crowley KT4XN	An Introduction to Radio Astronomy
October 21, 2022	Paul Cianciolo W1VLF	RFI In Your Shack and Around the House
November (Date TBD)	Bob Zanotti HB9ASQ	The Swiss Short-wave Merry-Go-Round
December 16, 2022	Ria Jairam N2RJ	About The ARRL: An Update

SIG Group Participation as of September 30, 2022



Hidetsugu Yagi's 130th Birthday Google Doodle

Here is an update on the roster of Special Interest Groups...most groups **have increased** in size during the last month:

Contesting	14
Digital Voice	35
DX	19
EmComm	11
FT8	23
Monitoring	29
Portable Ops	47
Raspberry pi	7
Satellite	18
FLARC General	182

Follow FLARC ON THE WEB

Facebook: <http://facebook.FairLawnARC.org>

Twitter: @FairLawnARC

Blog: <http://blog.FairLawnARC.org>

Youtube: <http://youtube.FairLawnARC.org>

Website: <http://FairLawnARC.org>

Sign up for a group... or ...

why not start one?

Contact webmaster@FairLawnARC.org
if you would like to start a new
Special Interest Group.

The Clubhouse Is Open THREE Fridays In October!!

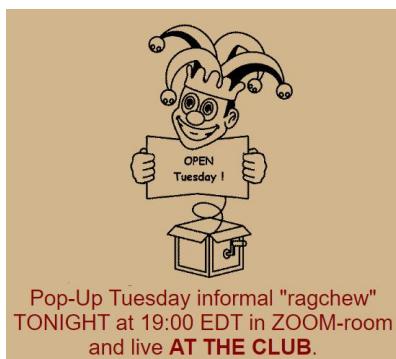
Date	Clubhouse Status
October 7	OPEN – Business Meeting
October 14	OPEN
October 21	CLOSED FOR KAWFEE TAWK
October 28	OPEN



**And Stand-by for Other
Open Days or Evenings!**

**PopUp Tuesdays are now in-person at the club
as well as in the Zoom-room.**

The club will follow all borough COVID-19 requirements for these events.





An Introduction to Amateur Radio Astronomy

2022 FLARC October 5th Kawfee Tawk™ Series

The interests of radio amateurs seem to always be in search of the best DX. Perhaps the “ultimate DX” is the radio spectrum beyond earth and the realm of the radio astronomers.

Our **Wednesday**, October 5th program focuses on basics of the subject and how you can use your equipment to get involved. We have one of the preeminent speakers on the topic: Tom Crowley KT4XN. The program begins at 7:30 PM EDT and is available via Zoom here:

Zoom.us Meeting ID: 840 4212 4150 Passcode: stars (case sensitive)

TELEPHONE ONLY: +1 646 558 8656 US (New York)
Meeting ID: 840 4212 4150 Passcode: 770220

Over the last quarter-century, much of what we knew about astronomy has come from the new science of radio astronomy. This talk will review the Electromagnetic Spectrum and how astronomy has evolved from visual only and why radio astronomy has become important. The program will review a few of the Radio Telescopes in use today and what discoveries have been made by Radio Astronomy.

- How does a radio telescope produce an image compared to optical telescope cameras?
- What are Amateur Radio Astronomers doing today and how can you get started?

The program will focus on looking at SMEs, Jovian radio signals, Pulsars, Black holes and the Hydrogen line.

Tom has been Chairman of the Board of Atlanta Astronomy Club, Past President of Society of Amateur Radio Astronomy (SARA), Chairman of the Jupiter radio project for SARA, Southeast coordinator for the SETI League and is currently a research associate at Georgia Tech in the Physics and Astronomy department. Tom was first licensed in 1957 as KN2TMT, he currently holds an Extra class license as KT4XN. In the past he held a first-class radio license. Career wise, Tom started with Boeing Aerospace on the Minuteman ICBM project and then spent 29 years with IBM. At GA Tech, Tom is responsible for the implementation and maintenance of a remote optical telescope at the Space Force Maui Remote Experimental Station. The telescope utilizes both a CCD and video camera that are used for GA Tech students and outreach for Georgia students.

His best astronomy project was the coordination of a group of amateur radio astronomers who monitored the Comet Shoemaker/Levy impact into Jupiter at the Decametric frequencies. The program had twelve observers who were able to get accurate data in the decametric frequencies between 18 and 21 MHz. His group's contribution verified several professional optical reports and the group was the only ones to detect impacts when the world's optical observatories were under cloud cover. The data was accepted by NRAO and NASA and was used to coordinate the downloading impact from the Galileo spacecraft.

For more information, please visit the club's website at <http://www.FairLawnARC.org> or call 201-791-3841.

Member Profile • KD2IIU (Continued)

How did you get interested in ham radio?

I have two younger brothers. Both are hams with Extra licenses. My middle brother took on the hobby a long time ago when proficiency in Morse Code was mandatory for entry level and he was good at it. I remember him working a Collins receiver and stringing out a wire antenna from the back window of our house to the large oak tree in the back yard. My youngest brother pursued ham radio much later, but has been quite active in it and may even have more equipment than my other brother.

Over the years, they occasionally suggested that I pursue the hobby; but I was too involved with many other things to seriously consider doing so. But, about six years ago, I joined the Clifton and the Passaic County Sheriff's Community Emergency Response Teams (CERT) and, while taking some of the FEMA courses, decided to become a ham radio operator and got licensed as a technician.

What parts of the hobby most interest you?

I haven't yet formed an opinion on what parts of the hobby may appeal to me. Right now, I use my hand held radios and am still trying to learn their features as well as how to use them. But I have attended QSO days at the Club and enjoyed working the 20 meter and the 40 meter units there. I could also see myself looking into the area of antennas.

What does belonging to FLARC mean to you? How do you/can you better contribute to the club?

Belonging to the Club has helped me get more from the hobby. The mentoring from the members has been great and I look forward to participating in many of its projects and events. Socializing with the members has been an additional factor, as well.

What should be the club's priorities in the next year?

The Club should prioritize boosting the hobby at its community events and encouraging interest in it, perhaps, incidentally, to various aspects of public service. Continuing to seek Grant funds is another consideration.

What else can you tell the club about yourself and/or ham radio?

I have other hobbies, enjoy golfing and hiking and am a big fan of protecting our natural environment.

I enjoy getting together with my sons, bothers, sisters-in-law, daughters-in-law, and their families.

What other ham related clubs or organizations do you belong to?

I don't belong to other ham related clubs except Masonic ones, and am looking forward to getting involved with my Masonic brothers in that endeavor.



Mitch KD2IIU



AMATEUR RADIO TESTING BY THE FAIR LAWN AMATEUR RADIO CLUB

On October 15, 2022, the Fair Lawn Amateur Radio Club will continue amateur radio test sessions on a modified basis.

These sessions will be held at the **Fair Lawn Amateur Radio Club**.

The location is at 10-10 20th Street, Fair Lawn, NJ

The session starts at 9:15 AM.

A document will be provided to you prior to the date to indicate the time assigned to you.

You must have it with you to take the test.

Prior to Testing:

Send an email to wo2w@arrl.net requesting to book your spot.

PRE-REGISTRATION IS REQUIRED - NO WALK-INS ACCEPTED.

Upon Arrival:

You must have a government issued ID such as a valid driver's license or passport, a filled out Form 605, and **3 filled out copies of the FCC CSCE form**.

Please Bring With You:

- You **MUST** bring and **WEAR** personal PPE items including a face mask.
- 2 pens and 2 pencils. None will be provided to you, due to possible virus transmission.
- Your FRN number, and (if licensed) a copy of your ham license or a valid CSCE (Certificate of Successful Completion Exam).
- Additionally, the **\$15.00 exam fee**. This is payable in cash (exact amount is a must).



RFI In Your Shack and Around The House

2022 FLARC October 21st Kawfee Tawk™ Series

Paul Cianciolo W1VLF Discusses “Not Your Father’s RFI”

As The FLARC 2022 *Kawfee Tawk* Speaker Series Continues On
Friday, October 21, 2022 — Via Zoom

It is out there in your shack... and potentially everywhere.

The dreaded RF that invades your shack, testing your time and patience to try to solve.

Appropriate for the season, the ghouls and hobgoblins of radio interference are ones that we have all had and/or wish to avoid at all costs.

Our October 21st Kawfee Tawk™ program focuses on basics of the subject and how you can put these nasty gremlins to rest in today's modern radio shack. We have one of the preeminent speakers on the topic — Paul Cianciolo **W1VLF**.

The program is on **Friday, October 21, 2022, beginning at 7:30 PM EDT** and is available via Zoom here:

Join Zoom Meeting:

Meeting ID: 868 3049 8116
Passcode: VLF

PHONE users only:

868 3049 8116
190510

Paul W1VLF has spent a career seeking out the nature and causes of RFI. First licensed in 1979, he has worked at the ARRL Lab in Newington, CT where he was the resident expert on eliminating RFI and regularly shared what he knows about finding and fixing this common problem. He now can be found experimenting on VLF frequencies and has strong interests in Optical Communications (ie: using Infrared LED, NLOS Cloud Bounce, and SDRs). Check out his QRZ page, and his YouTube channel for some weird experiments.
<https://www.youtube.com/user/W1VLF>

Come with your questions and problems, as this topic is one that many have asked for.

So, save the date — **FRIDAY, October 21, 2022, at 7:30 PM EDT** —
for this important and always timely discussion.

For more information, please visit the club's website at www.FairLawnARC.org or call 201-791-3841.

When you log in, please show your FIRST NAME and your CALL SIGN.

v02



"The Friendliest Club Around"

A Thanks To Our 2022 FLARC Hamfest Sponsors, Donors, Vendors and Guests!

You Made for a Great Day!

**α ALPHA®
ANTENNA**



FlexRadio



Hamsource.com

KB Cubed LLC



MFJ



WAYNE ELECTRONICS LLC



- 250+ Visitors – An increase over 2021!
- 46 Vendors – An increase over 2021!!

**See You Next Year!
Save The Date!!
June 10, 2023**

<https://hamfest.FairLawnARC.org>

Ever Been to W1AW?

We've been invited to visit ARRL Headquarters in Newington for a site visit and to operate W1AW.

If you have never been there, it is a fun day and a chance to always say that you operated there.

We have Thursday, October 13th scheduled at 10:30 AM.

If you are interested in going, drop Ed WX2R an email at wx2r@arrl.net and he will finalize the details. Check for availabilities.

Special Note: As non-profit, the IRS now requires that we disclose annually the use of paid lobbyists to our members and indicate approximately what percentage of their dues goes toward that. 0% of your 2021 dues payment will be used by the club to directly pay a lobbyist firm to lobby on behalf of all our members regarding pending legislation that impacts our hobby.

It's Back!!

The 2023 FLARC Member Survey

The 2023 edition of the FLARC member survey will again be hitting your mailbox right after Thanksgiving. It promises to be shorter than previous years, but here is your chance to make your contribution to the questionnaire.

Anything you want to know from the members? Drop Ed WX2R an email at wx2r@arrl.net and he will write the question and get it into the design.

These surveys have helped plan the growth of this club and is always a program topic.

Stay tuned — send in your topics or questions!!

Fair Lawn Street Fair Is October 16!!

We are scheduled to participate at the 2022 Fair Lawn Street Fair on River Road. We will need volunteers as always for a fun event. Shake hands... kiss babies (well, maybe not this year!).

Contact Ed WX2R at wx2r@arrl.net if you want to help.

At Deadline: Kudos For *The Resonator*

We're flattered and humbled when we get a nice comment about our little newsletter. Al Woodhull N1AW from the Franklin County ARC (MA) noted:

*"Your newsletter and club are very impressive!
You seem to have weathered the Covid years well."*

Get Direct With FLARC!

Here is a direct link to specific club info: just a click away!

<http://apparel.FairLawnARC.org>
<http://auction.FairLawnARC.org>
<http://blog.FairLawnARC.org>
<http://calendar.FairLawnARC.org>
<http://events.FairLawnARC.org>
<http://exams.FairLawnARC.org>
<http://facebook.FairLawnARC.org>
<http://news.FairLawnARC.org>
<http://swap.FairLawnARC.org>
<http://tech.FairLawnARC.org>
<http://youtube.FairLawnARC.org>

<https://groups.io/g/FairLawnARC>



Online License Testing!

Are you looking to get your license or upgrade without leaving your home? All you need is a laptop computer with a video camera.

There are number of sites listed on hamstudy.org/sessions These folks will walk you through taking an exam online.

I have worked with both WB5QNG and AA7HW. If you have any questions, please contact me at mStevenk2sab@gmail.com

73,
Steven Boston K2SAB

FLARC / WPBARG October 2022 UPDATE

Our joint club agreement with West Palm Beach has gotten underway with some initial activities and exchanges:

- We participated in POW/MIA Day on September 16th. While it is not a specific WPBARG activity, it is run by Mike K4MIA, an active WPBARG member and had member participation.
- We have invited WPBARG members to attend our monthly Kawfee Tawks.
- We have posted *The Resonator* on WPBARG's club's groups.io page
- We have provided information on how we conduct our annual Field Day — especially in media communication.
- Our expressed interest of WPBARG is in how EMCOMM operates for the club and South Florida, and how we can initiate a weekly shared net. The WPBARG repeater needs to have internet access for Echolink and they are working on the issue.
- We will begin to discuss areas of joint interest such as activities, programs, and common issues such as member development, etc.

DE Ed WX2R

About *The Resonator*

Yes, it is the coolest ham club newsletter around. Submissions are accepted only *if they relate directly to or about the club*. Never send stuff that you could find anywhere else. This is not *The Bouvet News*. Read the motto at the bottom of the page. Only original content or original submissions. No cut and paste from secondary sources.

Remember the three things the editor hates the most:

1. Content anyone could find elsewhere
2. Ampersands and/or brackets instead of parentheses in submitted copy
3. Lists



Club Apparel — Get Them While They're **RED!**

Club apparel is always in vogue. Red is always "in" and your club friends all have them... you *want* a shirt or jacket for the next FLARC event! Great for Field Day!

Don't forget.... they're easy to order.
Go to www.hamthreads.com
or visit <http://apparel.FairLawnARC.org>

Check out the item selection that is posted on the FLARC website (with pictures and prices). Order the shirts or other items you want with either the regular FLARC logo or the still-cool 60th anniversary logo. Note: **RED** is the primary and preferred club standard shirt color.



It's easy to spot FLARC members with their red club shirts!

2022 FLARC Nets On The W2NPT Repeater:

Near and Far Net Mondays at 8PM

W2NPT and NJ2BS Repeaters

THE GREAT FLARC AUCTION

Friday, November 25th

SAVE THE DATE!!



Remember:
Ham Radio Is a Contact Sport!

BEQUEATHS AND DONATIONS

Planned gifts usually imply the family donation of amateur equipment to the club when someone has become a Silent Key. But it can be more. Club members might consider making a gift through a will or trust; gifts that help provide lifetime income to the club. Consult with your lawyer, estate planner or tax advisor if you feel such as gift is worthy.

About The Club

The Resonator is published monthly and is the official (and only) newsletter of The Fair Lawn Amateur Radio Club. FLARC was established in 1956 and has met continuously since inception.

The club is sponsored by the Borough of Fair Lawn. The club meets every Friday, except when a Kawfee Tawk is scheduled, at 6PM at the club station in The Fair Lawn Community Center, 10-10 20th Street, Fair Lawn, NJ. Business meetings are the first Friday of the month at 7:30 PM at the club, and on Zoom.

Visitors ARE ALWAYS welcome at our meetings.

FLARC operates the W2NPT repeater (145.470-PL **167.9**) located high atop the Community Center. The analog repeater is open to all amateurs for use without restrictions.

The club has over one hundred fifty paid members. Dues are currently \$25 per year; \$20 for new members.

Content and opinions expressed by contributors do not necessarily reflect the policies of the Fair Lawn Amateur Radio Club, its Officers, or members. Contributors grant express permission to FLARC to distribute articles in this or any issue of *The Resonator*. Authors also grant express permission for the use and/or repurposing of these articles, in part or in full, in other publications with credit to the original author and to *The Resonator*. All material is copyright ©2022. Do not copy or reproduce any of this material without the written permission of FLARC.

FLARC MEMBERSHIP –

FLARC membership for a NEW member is only \$20 for the first year... renewals are \$25 / year.

Will we have more than 200 members by then end of 2022? That would be just amazing !!

MARKETING COMMITTEE NEWS

The Publicity Committee is now the Marketing Committee and is working to spread the good words about FLARC and help get all members involved. Interested in joining? Drop a note to wx2r@arrl.net.



**FAIR LAWN'S
COMMUNICATIONS CENTER!
With Our Antennas On The Roof!**

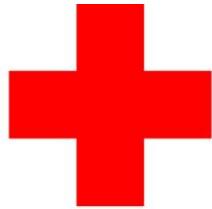


Blood Donors Needed In This Time of Emergency

The Red Cross and related organizations are in great need for blood donations since most corporate blood drives have been cancelled. This has become acute recently. Especially in these days of Covid.

Communitybloodservices.com has a network of offices open during the week and would really welcome folks making appointments to donate blood.

Thanks!



American Red Cross

Dues Are (Soon) Due

It's that time of the year again as dues for 2023 are now being received by our Treasurer, Bruce NJ2BK.

It's always good to get your dues in early and save us the task of chasing you down after New Year's. And they remain at the same level as they have for many years, while the club has grown considerably.

This year we renewed over 85% of our 2021 members: quite a feat with a base membership number of around 185.

The FLARC member count is now approaching 200. Thanks to you, this is the best club around and you can vote your satisfaction with the club by getting your dues in and done for.

Bruce can explain other dues levels beyond basic renewal.

So, renew now while you're thinking about it and give FLARC a great start into 2023!!

FLARC September 17, 2022 VE Testing Results

With VE testing back on schedule, Gene W02W reports the following results:

Name	Call	License Earned
James Furrer	KE2ABS	General
James Motacki	KD2ZXW	General
Wayne Linteris	KE2ABT	Technician

Testing for September will be at the Fair Lawn Recreation Center - with "Covid Restrictions."

See page 12 of this Resonator copy, and also the FLARC website for the latest details.

Nine Special Interest Groups [SIGs] Already Formed: Any Others?

Post lockdown, club interest continues to grow in the SIGs. So far, we have the Radio Monitoring Group and a Digital Voice Modes, group thanks to KD2DRS and NP4H. There is also an FT8 SIG. And a POTA SIG headed up by Noel W2MSA plus a DX SIG. Also EmComm (Emergency Communications) and the Contesting SIG, managed by Van W2DLT. And the Monitoring (SWL) SIG.

Recently formed: the *Raspberry pi and Arduino SIG*.

Other possible groups, from the member survey, include:

- *Radio Propagation*
- *Antennas and how they work*
- *Kit building*
- *Ham radio software*)

Anyone interested in leading any of these groups...?

Please contact webmaster@FairLawnARC.org

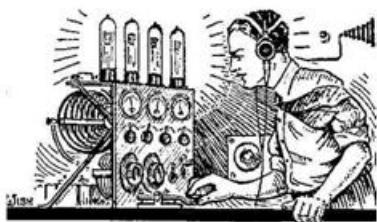


Image from May, 1926 QST, courtesy ARRL

The Way We Were

By Fred Belghaus W2AAB

“What’s On?” – Part 2

Last month, we explored what AM radio was like in the Metropolitan New York area in 1928, focusing on stations in Northern New Jersey. Due to space and time limitations, we will have to divide up the other stations by location, too. This month, we'll concentrate on stations on the air from Brooklyn.

New York City	CALL	FREQ.	POWER	LICENSEE
Brooklyn	WBBC	1320	500	Brooklyn Broadcasting Corp. (2123 Troy Ave., Brooklyn)
Brooklyn	WCLB	1500	100	Arthur Faske, (350 Stone Ave., Brooklyn)
Brooklyn	WLTH	1170	250	Voice of Brooklyn, Inc., (635 Fulton St., Brooklyn)
Brooklyn	WMBQ	1470	100	Paul J. Gollhofer [*]
Brooklyn	WSDA	1320	500	Amateur Radio Specialty Co.,
Brooklyn	WSGH	1320	500	Hotel St. George, Clark St.,
Coney Island (Brooklyn)	WCGU	1370	500	U.S. Broadcast Corp., (183 Vermont St., Brooklyn)

Now, here are some details about them.

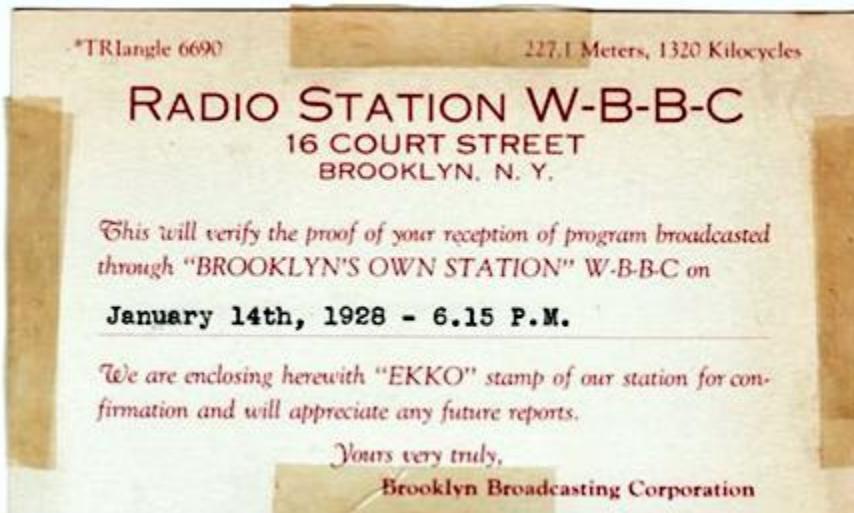
Continued on next page.

The Way We Were, continued.

WBBC was operated by the Brooklyn Broadcasting Corp. Established in August 1926, the station existed until April 1941. Originally on 1200 kHz, it made several frequency moves, to 1320 and 1400, finally ending up on 1430 kHz in its final days. [1]

[Editors note: of course, in those days frequency was given in kilocycles (kc)]

WBBC was one of several small stations established to serve the City's Jewish immigrant community, offering programs in Yiddish, including live performances by members of Yiddish theatre groups. In addition, the station featured a healthy dollop of the once popular klezmer music for its audience. [2] For a sample of klezmer music, go to: <https://www.youtube.com/watch?v=-Lb73XFGoHI>



WBBC QSL card, January, 1928

WBBC, WLTH (Voice of Brooklyn, Inc.), **WVFW** (Paramount Broadcasting Corp.), **WARD** (United Broadcasting Corp.) were all Jewish Community stations in Brooklyn. On May 1, 1941, they were consolidated into station **WBYN** under the United Broadcasting Corp. banner. [3] WBYN lasted until 1946 before going dark.

WCLB is listed under Brooklyn, but one source also shows them under Long Beach, Long Island. The same source states that they were established in May 1928 and remained on the air until February 1931. They were owned by a Mr. Arthur Faske. [4]

Faske was a radio engineer who, along with his brother Leo, built and operated station **WBKN** in 1926 on 1030 kilohertz. It was located on Pitkin Avenue in Brooklyn. In 1927, the F.R.C. ordered WBKN to move to 1210, sharing time with several other stations, including **WBMS**, whose history we covered in September.

The Way We Were, continued.

In my sleuthing, I made a curious discovery about Arthur Faske. In the March 1927 issue of *QST Magazine* there is a classified ad placed by him in which he offers for sale a variety of “U.S. Navy compass receivers” and other equipment, which he says are “ideal for commercial work and broadcasting stations.” The receivers are priced at \$275.00, an astronomical sum in 1927, with a 2022 dollar equivalent of \$4,680.86. [5], [6] I can’t help but wonder where and how he obtained those receivers.

In 1928, the Faske brothers changed call to **WCLB** and moved to Long Beach. By 1930, their Long Beach experiment proved to not work as well as expected, so they changed call again to **WMIL** and moved back to Pitkin Avenue in Brooklyn. After suffering further frequency sharing, changes in ownership, and squabbles with the F.R.C., **WMIL** became **WCNW** which much later evolved into New York’s first all-Black programmed station, **WLIB**. [7]

Side-note: I remember **WLIB** very well in the early 1960’s. Its station ID was, “This is **WLIB**, the Voice of Liberty in New York City.” It was one of the very few stations where one could hear authentic jazz, both classic and contemporary. Their QSL letter was signed by Chief Engineer Henry Greenstone (W2YRS). Those were great days for BCB DXing, with far more variety than is available now on AM radio.

WLTH was originally **WFRL**, and operated as “The Voice of Brooklyn, Inc.” It went on the air at 9:00 P.M. on September 26, 1927 from new studios located at the Leverich Towers Hotel in Brooklyn. The power switch that turned on **WLTH**’s transmitter was thrown by Brooklyn Borough President James J. Byrne. [8], [9] Byrne, the son of Irish immigrants, was a colorful character, starting out as a clerk in a shoe store and amateur singer, then becoming a machinist, a City employee, and finally rising to his position as Borough President. He counted among his achievements the construction of the Coney Island boardwalk and the Brooklyn Borough Municipal Building. [10]

Here’s an interesting artifact, a copy of their evening program schedule for August 6, 1928:

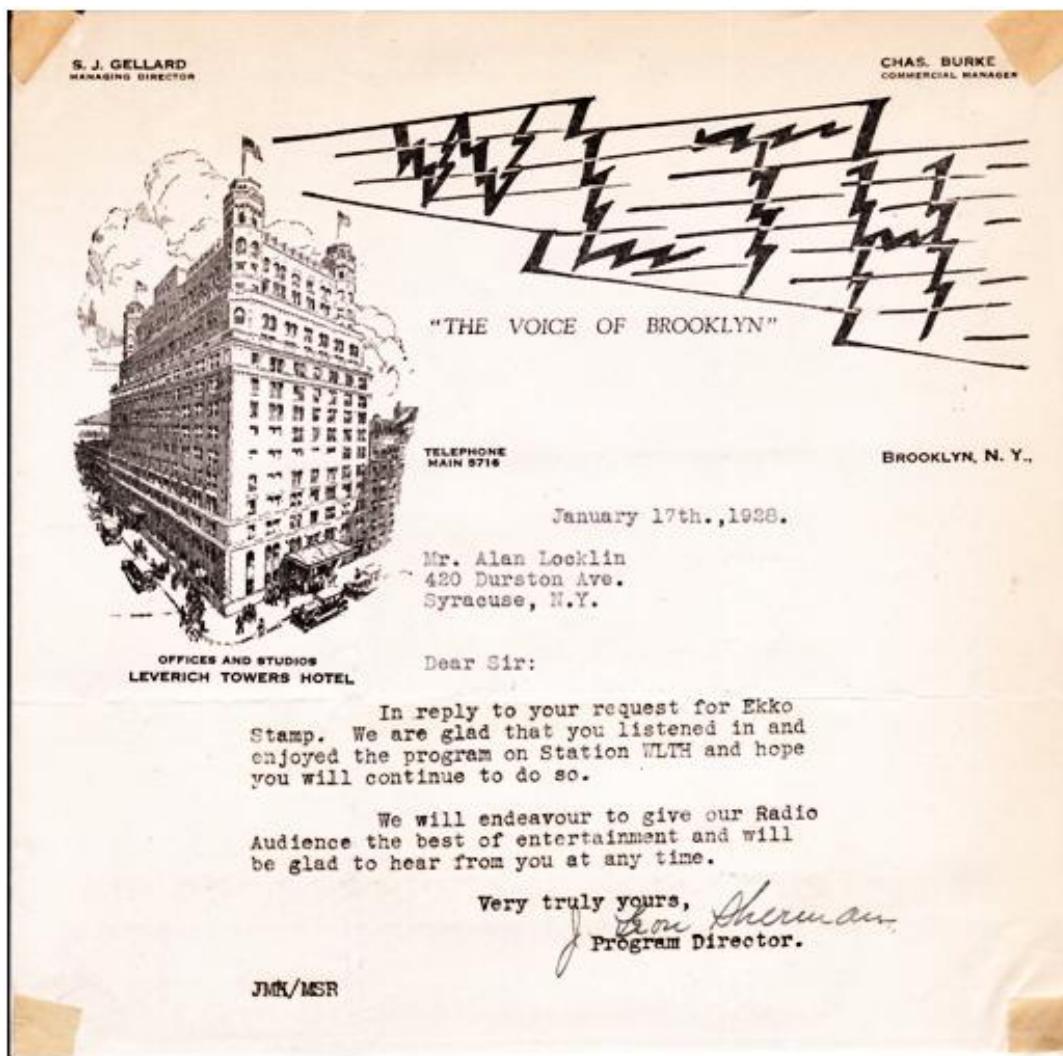
1170 K.—W L T H, BROOKLYN—256 M.
 4:00 p.m.—Sylvia Solow, violin.
 4:15—Leonia Kaufman, soprano.
 4:30—Sylvia Solow, violin.
 4:45—Percy Coles, tenor.
 5:00—Tea music.
 5:30—Greenpoint program.
 6:00—Today in Sportland.
 6:15—Betty Reilly, songs.
 6:40—Hempstead program.
 6:45—Brooklyn Safety Council.
 7:00—Time.
 9:00—Hans Haag, concert violinist; Fredricka Schatz, contralto, and Josiah B. Free, bass.
 10:00—Dance orchestra.

Source: *The Brooklyn Eagle*, August 6, 1928

Image: <https://www.newspapers.com/clip/15953560/radio-appearance-8628-playing-violin/>

The Way We Were, continued.

In the 1930s, **WLTH** specialized in Jewish programming, including a Yiddish language program for children. [11] The Leverich Towers Hotel, located at 21 Clark Street, Brooklyn, was a luxury hotel built in 1928. It once hosted team members of the Brooklyn Dodgers, and for many years it was the home of the Jehovah's Witnesses' residence hall. [12] Today, it has been renovated and now hosts The Watermark at Brooklyn Heights, offering independent and assisted living senior housing. [13]



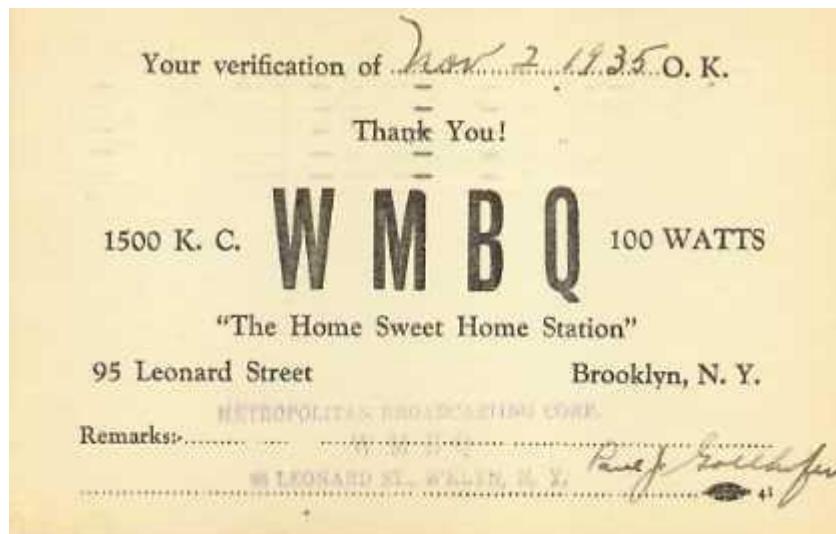
QSL letter from WLTH, January, 1928

WMBQ went on the air in January 1927 on 1430 kilohertz running 100 Watts. By June of that year, it had moved to 1450, and by June of 1928, it had moved again to 1470, where it remained for a couple of years. By 1930, it had moved again to 1500, and then ceased operation in 1938. WMBQ was operated by Paul J. Gollhofer as Metropolitan Broadcasting Corp. [14]

The Way We Were, continued.

Although not much is known about WMBQ's programming, one thing is certain: they featured local singing talent, such as Rose Vitolo of Brooklyn, who started there after winning a singing contest when she was 12 years old. She sang with her sisters under the name "The Flower Sisters," and her brother Tommy had his own radio show. [15]

Another artist was nationally syndicated country singer "Smilie Sutter," (AKA Anthony Slater), whose program was also carried on WLS, WWVA and KMOX among others. [16] For a sample of his music, go to: <https://youtu.be/HUKV7u8idWs>



WMBQ QSL card, November 1935

WMBQ, "The Home Sweet Home Station," operated from 75 Leonard Street, in the Boerum Hill neighborhood of Williamsburg, Brooklyn. The owner-operator of WMBQ, Paul Gollhofer, first held amateur call 2CNE in the late 1920s, and was later licensed as W2LUO in 1939. The QSL card above was signed by Gollhofer.

When WMBQ went dark in 1938, their 1500 frequency was taken over by **WWRL** in Woodside until the broadcast band was extended, and they relocated to 1600 kHz.

WSDA was originally **WSAP** in 1923, operated by the **Seventh Day Adventists** from The City Temple on 120th Street and Lenox Avenue in Harlem until 1925, when the call letters were changed to WSDA. When the church building was sold, they moved down to West 76th Street, planning an unsuccessful further move to City Island. [17] In 1927, WSDA was purchased by the Amateur Radio Specialty Co. (ARSCO), a manufacturer of transmitters and receivers, and former operator of **WARS**. They were located at 77 Cortland Street, New York City. [18] Although there is nothing further to be found

The Way We Were, continued.

online about WSDA, there is an interesting old advertisement for Amateur Radio Specialty Co. in *QST Magazine* in 1927. [19] It shows a typical breadboard style transmitter with wooden front panels that can be ordered in power levels from 5 to 1,000 Watts, a “full line of transmitting parts,” and their ARSCO model RS-100 receiver for what they claim is “unparalleled DX.” It covered 10 through 110 Meters with 1 stage of audio amplification. The receiver included a mahogany cabinet and a full set of plug-in coils. The price for the receiver was \$38.00, equivalent to the lordly sum of \$646.81 in 2022 dollars (see Note [6]). If you scroll down to page 88 in the PDF (page 86 of the *QST* issue), you can see the ad via this link:

<https://worldradiohistory.com/Archive-DX/QST/20s/QST-1927-03.pdf>

After the purchase of WSDA by ARSCO, they were forced to share time with WBBC and WARS on 1320, and WSDA’s operation became irregular. The station then was moved to the St. George Hotel, and became **WSDA-WSGH** in 1928, until both calls were dropped and the call was changed by the F.R.C. to **WFOX**. [20]

WCGU has an interesting history. It was originally licensed in November 1926 and located in Lakewood, New Jersey. It was owned by **Charles G. Unger**. By May of 1927, it moved to the Coney Island section of Brooklyn. [21] By 1928, WCGU’s ownership would be shown as U.S. Broadcast Corp. with Unger also named. This station would become one of many casualties of the F.R.C.’s decision to drastically reduce the number of small AM stations on the broadcast band, due mainly to the many time sharing agreements on already crowded frequencies.

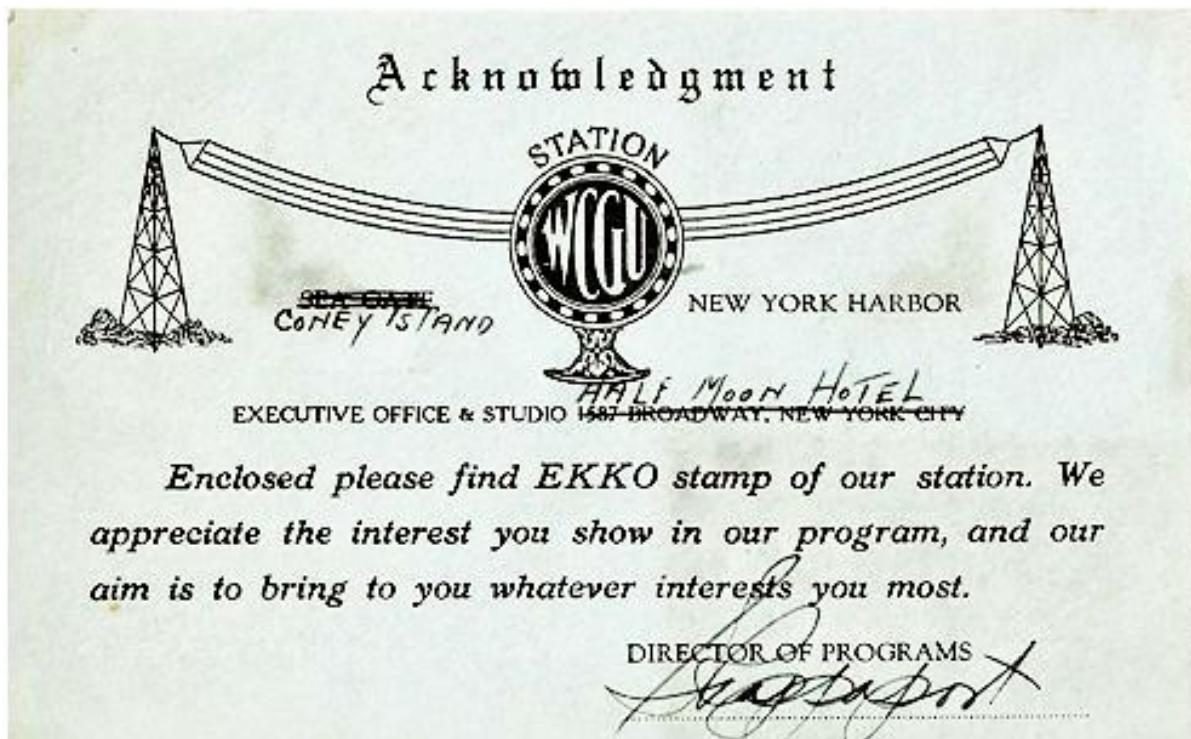
Editorial comment: The Commission apparently didn’t like small stations, and decided that they were less important than stations with lots of capital, so they could be sacrificed. Perhaps there were more hidden motives behind this action, such as reducing or eliminating competition with the “big boys” on the broadcast band. Here I quote George Orwell in *Animal Farm*: “All animals are created equal, but some are more equal than others.” (End of editorial).

On June 1, 1928, the Federal Radio Commission gave these small stations 60 days to prove that they should be allowed to remain on the air, or risk license cancellation. A public hearing was scheduled for July 11th in their Washington office during which the targeted stations were to make their case for license renewal. In addition to WCGU, many others in the New York Metropolitan area were slated for oblivion. These were **WIBS**, Elizabeth; **WBMS**, Union City; **WKBQ**, New York City; **WSDA-WSGH**, Brooklyn;

The Way We Were, continued.

WWRL, Woodside; **WGCP**, Newark; **WL BX**, Long Island City; **WL BH**, Farmingdale, L.I.; **WINR**, Bay Shore, L.I.; **WHPP**, Englewood Cliffs; **WTRL**, Midland Park; **WPCH**, Hoboken; **WGOP**, Flushing; **WAAT**, Jersey City; **WBBC**, Brooklyn; **WCLB**, Long Beach, L.I.; **WEVD**, Woodhaven; **WGL**, Secaucus; **WMBQ**, Brooklyn, and **WCDA**, Cliffside Park. [22]

From this list, only **WWRL** and **WEVD** survived intact, and **WAAT**, which would survive for awhile and later become **WNTA**, **WJRZ**, **WWDJ**, and presently, **WNYM**.



WCGU QSL card, Half Moon Hotel, Coney Island, 1920s

On August 1, 1928, the Commission's official statement to those not meeting their criteria was that their licenses would not be renewed because "it has not been satisfied that public interest, convenience or necessity will be served by granting these renewals of their licenses." [23] And so, the way was cleared for well-heeled station operators to remain on the air, while their low power, less well-heeled competitors bite the dust. File this under, "We're from the Government, and we're here to help you."

It should be noted, however, that WCGU, WSDA-WSGH, WLTH and WBBC put up a good fight as late as 1929, arguing that Brooklyn would have only one 500 Watt channel available, and asking for shared time arrangements on two frequencies. [24] Their requests were denied, and to this day, there is no AM outlet on the air from Brooklyn.

The Way We Were, continued.

It should also be noted that when these small stations tried to assert themselves before the Commission, an attack piece appeared in *Radio World* by one of the Commissioners. His name was Orestes H. Caldwell, who claimed that the elimination of these small stations was to provide “good reception,” by eliminating interference. [25]

His article attacked “selfish broadcasters” and states that “The Commission stands firmly on this order.” This is pretty strong language from a bureaucrat. But who was Orestes H. Caldwell, and despite his claims of “fairness” in the article towards stations big and small, what was his real position on this issue?

Caldwell was an Electrical Engineer, and editor of several electrical industry periodicals. In 1927, he was appointed to the F.R.C. by then Secretary Herbert Hoover. His responsibility was a “reorganization of the entire radio system.” He was well known as an advocate for high power radio, and he frequently clashed with members of Congress on this issue. On one occasion, he was nearly thrown out before a hearing for his volatile behavior. One of his opponents, Senator Clarence Dill, said after Caldwell’s resignation, essentially that the country was better off without him, and that “anyone else” in his position would be an improvement. [26] Caldwell can be credited with one thing, however. He is believed to be the person who first coined the word “electronics.” [27] He was also the founder of the industry publication, *Electronics*, published by McGraw-Hill.

That’s all we have space for this month. Next month, we continue our exploration of what could be heard on New York area radio in 1928.

Until next month, 73,

Fred W2AAB

NOTES

[1] “Chronology of call letters WBBC,” *Radio-TV Broadcast History*, at:
https://broadcasting.fandom.com/wiki/Chronology_of_call_letters_WBBC

[2] Sapoznik, Henry, “Brooklyn Yiddish Radio, 1925 -1946,” (from *The Jews of Brooklyn*), *Yiddish Radio Project*, at:
https://yiddishradioproject.org/exhibits/history/sapoznik_essay.php3?pg=2

[3] “AM Broadcasting History – Various Articles: List of Broadcast Deletions and Consolidations 1934 – 1941,” 1942 Broadcasting Yearbook, at: <https://jeff560.tripod.com/am5.html>

[4] “Chronology of call letters WCLB,” *Radio-TV Broadcast History*, at:
https://broadcasting.fandom.com/wiki/Chronology_of_call_letters_WCLB

The Way We Were, continued.

- [5] *QST Magazine*, March, 1927, p. 91 (page 93 in PDF), at: <https://worldradiohistory.com/Archive-DX/QST/20s/QST-1927-03.pdf>
- [6] "U.S. Inflation Calculator," at: <https://www.usinflationcalculator.com/>
- [7] Fritz, Jose, Arcane Radio Trivia: "WLIB Gets Soul," *Ten Watts Blogspot*, August 9, 2010, at: <https://tenwatts.blogspot.com/2010/08/wlib-gets-soul.html>
- [8] "WLTH in Brooklyn Goes on Air Tonight," *The New York Times*, September 26, 1927, at: <https://www.nytimes.com/1927/09/26/archives/wlth-in-brooklyn-goes-on-air-tonight-borough-president-byrne-to.html>
- [9] *Wikipedia* article: "James J. Byrne," at: https://en.wikipedia.org/wiki/James_J._Byrne
- [10] Ibid.
- [11] Sapoznik, Henry, "Koyft Manischewitz Matzo," *Yiddish Radio*, April, 2020, at: <https://www.henrysapoznik.com/yiddish-radio-april-2020>
- [12] Gobetz, Wally, "Brooklyn – Brooklyn Heights: Leverich Towers Hotel," at: <https://www.flickr.com/photos/wallyg/181765627>
- [13] "The Watermark at Brooklyn Heights" website: <https://brooklynheights.watermarkcommunities.com/>
- [14] "Chronology of Call Letters WMBQ," *Radio-TV Broadcasting History*, at: https://broadcasting.fandom.com/wiki/Chronology_of_call_letters_WMBQ
- [15] "Rose Vitolo – Obituary," *Yannantuono-Burr-Davis-Sharpe Funeral Home*, Februart 28, 2019, at: <https://www.yannantuonofh.com/obituary/Rose-Vitolo>
- [16] "Smilie Sutter," *Hillbilly Music*, at: <http://www.hillbilly-music.com/artists/story/index.php?id=12261>
- [17] Jaker, Bill, Frank Sulek and Peter Kanze, *The Airwaves of New York*, McFarland & Co., Jefferson, NC, 1998
- [18] "History of Manufacturer – Amateur Radio Specialty Co.," *Radio Museum*, at: https://www.radiomuseum.org/dsp_hersteller_detail.cfm?company_id=13077
- [19] *QST Magazine*, March, 1927, p. 86
- [20] Op. Cit., Jaker, et al.
- [21] "Chronology of Call Letters WCGU," *Radio-TV Broadcasting History*, at: https://broadcasting.fandom.com/wiki/Chronology_of_call_letters_WCGU
- [22] "162 Stations Must Quit," *Radio World*, June 9, 1928, p. 17, at: <https://worldradiohistory.com/hd2/IDX-Site-Early-Radio/Archive-Radio-World-IDX/IDX/28/Radio-World-1928-06-09a-OCR-Page-0025.pdf>
- [23] Ibid.
- [24] "BROOKLYN STATIONS RENEW RADIO FIGHT; Spokesmen Tell Federal Board Borough Has Only One 500 Watt Channel. ASK 1,000 WATTS AT NIGHT – WLTH and WBBC Would Share Time Now Given Also to WCGU and WSGH-WSDA," *The New York Times*, March 20, 1929, at: <https://www.nytimes.com/1929/03/20/archives/brooklyn-stations-renew-radio-fight-spokesmen-tell-federal-board.html>
- [25] Caldwell, Orestes H., "Wave Clean-up Promised – Good Reception to be Restored Nov.11th, Says Caldwell; Attacks Stations Stirring Up Protests," *Radio World*, October 27, 1928, at: <http://durenberger.com/wp-content/uploads/2018/08/WAVECLEAN-UP102728.pdf>
- [26] *Wikipedia* article: "Orestes H. Caldwell," at: https://en.wikipedia.org/wiki/Orestes_H._Caldwell
- [27] "Orestes H. Caldwell, Radio Pioneer, Dies," *Hartford Courant*, August 30, 1967, p. 61, at: <https://www.newspapers.com/clip/54043902/obituary-for-orestes-h-caldwell-aged/>

WHAT IS IT? (Added Bonus)

For those of you who may not recognize it, it's the FLARC clubhouse! What's different about it, you might ask?

It's (almost) spotless!! In what seems to follow the solar cycle, the place looks great. Let's keep it that way!! Thanks to all who helped make it happen—most especially our Quartermaster Brian KD2KLN.



There are no words!!



Satellite Chasing

Bob KD2BKD shows off his nifty home-brew satellite antenna at the *Masonic Day on the Air* event, with many FLARC members in attendance on September 24th.



Bob KD2BKD



Since 1965



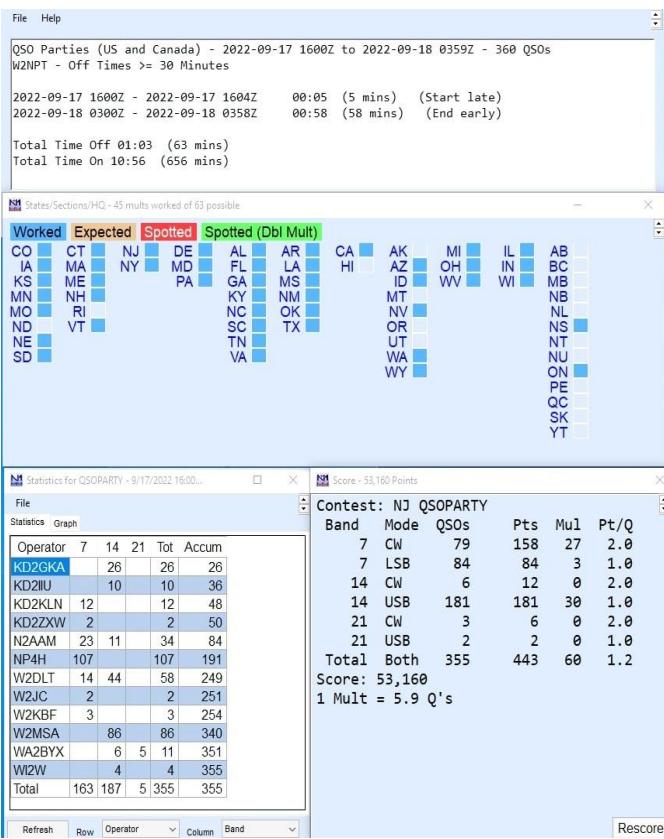
2022 FLARC ACTIVITY CALENDAR

	Thursday	October 13 th	FLARC Visit To W1AW
	Sunday	October 23rd	River Road Street Fair
	October	TBD	Portable Day with BARA
	Friday	November 25 th	FLARC Auction

If in doubt about any event, consult calendar at <https://fairlawnarc.groups.io/g/main/calendar>

NJ QSO Party Exceeds Previous Years in Outcomes and Turnout

Set smack in the middle of a big ham radio weekend for FLARC, Van W2DLT led a contesting crew that turned out one of the best NJ QSO Party scores in years.



Nearly a clean sweep of states and over 53,000 points. We should win Bergen County and, who knows, maybe even the contest in-state category itself.

Thanks to all who took part: W2MSA, NP4H, N2AAM, W2DLT, KD2KLN, W2KBF, WA2BYX, W2JC, NJ2BK, KD2BRV, KD2GKA, KD2ZXW, WI2W, WX2R, WO2W, KC2ORX, and James Furrer (who just received his license – KE2ABS).

Digital Voice SIG Update



DigiVoice@FairLawnARC.groups.io

A Special Interest Group SIG for those interested in Digital Voice modes (Digital Mobile Radio) communications and software.

DMR nets have picked up in the last months on Bradmeister TalkGroup 310015, Tuesday evenings at 7:00pm. If others would like to be net control join the group and send a message. We would like to thank Brad for the use of TG 310015.

For those interested in joining all the Digital Voice excitement! Contact Bob H. KD2BKD@optonline.net for information on the Digital Voice SIG. Or just go to the club website FairLawnARC.org and use the "Join Special Interest Group(s)" link on left.



Radio Monitoring Special Interest Group Update

monitoring@FairLawnARC.groups.io

A Special Interest Group SIG for those interested in SWL and other radio communications monitoring.

As many talk about the demise of short and medium wave, it has been interesting to note the revival of the hobby both in the news (Ukraine has certainly increased interest) and in people discussing monitoring in general - whether it is listening to aircraft, forest fires or political activity.

The old-timers talk about the old days and the ever-hopeful revival of Russia, Britain, and Germany to the airwaves. Wishing for the past does not bring the future and that goes for not only the listening of stations but also on the reporting of them.

I follow a lot of the SWL blogs and admire the number of verifications that today's hobbyists can receive QSLs, but also in the dramatic change in the process.

I can still remember using my old Corona typewriter to churn out letters to stations dutifully noting my SINPO evaluation.

DX'ing medium wave from Florida this past winter brought back my formula writing and got me some QSLs from Trans World Radio on Bonaire and HCJB.

But a lot of the SWL sites have taught me that writing is no longer the preferred means of station verification. The world has changed to digital, and most stations require MP3 files or similar along with a brief write-up as to date, time and frequency.

It really makes sense, doesn't it? Engineers can hear their station's signal in almost real time. Packaged well actually encourages a verification. Immediacy makes for a more intense hobby.

If you haven't tried it, it's worth the effort of tuning the dials and filing a reception report.

You will be as happy as you were years ago when the postman showed up at your door.

An additional benefit is that you can share what you heard with your fellow DX'ers and for posterity. Here is an example of the latter, thanks to Tony Pavick of CIDX, on the death Queen Elizabeth II —

Continued on next page.

Radio Monitoring SIGroup Update, continued.

For those who are interested, I have published two files at YouTube of the BBC World Service coverage of the passing of HRH Queen Elizabeth II

They are both roughly two hours in length and complete as recorded via the Twente SDR between 1600 and 1800 UTC on 8 and 9 September 2022 on 12.025 MHz

File 1:

<https://youtu.be/0gHfuiQczg0>

This is an off-air recording of the BBC World Service on Thursday 8 September 2022 from 1600 to 1800 UTC on 12.025 MHz from the Kanji relay station in Singapore. It is the 90 minutes before the announcement of the passing of HRH Queen Elizabeth II, with the news bulletin at about minute 93

File 2:

<https://youtu.be/Gu79O3wQfkw>

This is an off-air recording of the BBC World Service on Friday 9 September 2022 from 1600 to 1800 UTC on 12.025 MHz from the Kanji relay station in Singapore. It is the day following the death of HRH Queen Elizabeth II and includes the address of King Charles III to the nation and the commonwealth (at about minute 67)

I'm sure many of you were members of the Radio Canada Shortwave Club (Member #4418). All those receptions reports had a reward, yes? Engrained are 9.625 and 11.720 on my Lafayette HA-63 communications receiver (on my left was I write this; still working).

For those who remember, here was the certificate (this guy was more active than I was):



Since this is a mixed bag column, a shout out to our Paul Walker up in Alaska. His continual posting of absolutely marvelous MW DX keeps me interested and I hope you as well.

DE Ed WX2R

Radio Direction Finding

By Robert Holstrom – KD2BKD – October 2022

Radio Direction Finding, known to some as foxhunting, is the process of determining the origin of an RF signal. Radio Direction Finding uses multiple receiver locations to determine the source of the signal using triangulation. The receiver uses a directional antenna to determine the angle from which the signal is received. When the angle is taken from three or more different locations, the origin of a signal can be determined. Sound easy but there are reflections from buildings, hills, and other objects. Buildings, hills and other objects can also block the radio signal which can make it quite a tricky task. Signal strength is also used to determine how far the signal is to not overshoot the target. Radio Direction Finding takes practice to become very good at. Sometime luck on your side to find the transmitter is also helpful.

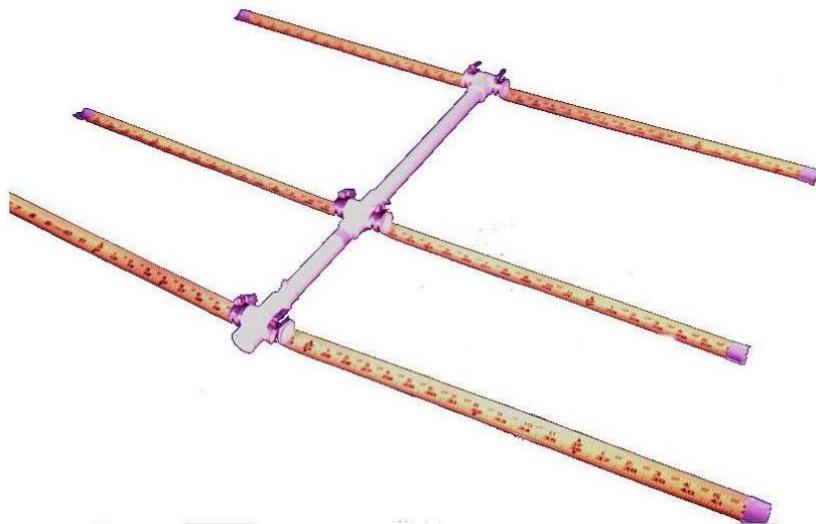


Radio Direction Finding is used by emergency services to locate those in emergencies. Today GPS is used more often than radio direction finding in emergencies. Your cell service can also figure out where you are by triangulating your phone with their extensive antenna system very quickly even if your GPS is off. Wildlife trackers also use Radio Direction Finding techniques to locate tagged wildlife for studies.

Even those in the Ham community have used Radio Direction Finding when issues occur. In the past there was an unknown signal possibly keying a repeater constantly. Using Radio Direction Finding techniques it was found that a microphone was dropped and caught up with the key pressed and radio left on. Local Hams found where the signal was coming from and let the operator know of the issue.

Radio Direction Finding, continued.

Many FLARC members have done Radio Direction Finding with other clubs called foxhunting and FLARC has also done some low power Radio Directing Finding in recent years thanks to Karl W2KBF for the use of his micro fox. I have recently setup a higher power (8 watt) Beaconing Radio Transmitter (fox) which I hope to use at a FLARC Radio Direction Finding event very soon. Date to be determined. I hope there is interest to hold the Radio Direction Finding Event every Spring and Fall.



I am not going to get into Radio Direction Finding techniques here as those interested should team up with other experience in the techniques during the FLARC Transmitter Search. A search on the Internet will also give pointers on Radio Direction Finding. I will go over some rules which may be changed as more experience of the event and area is learned.

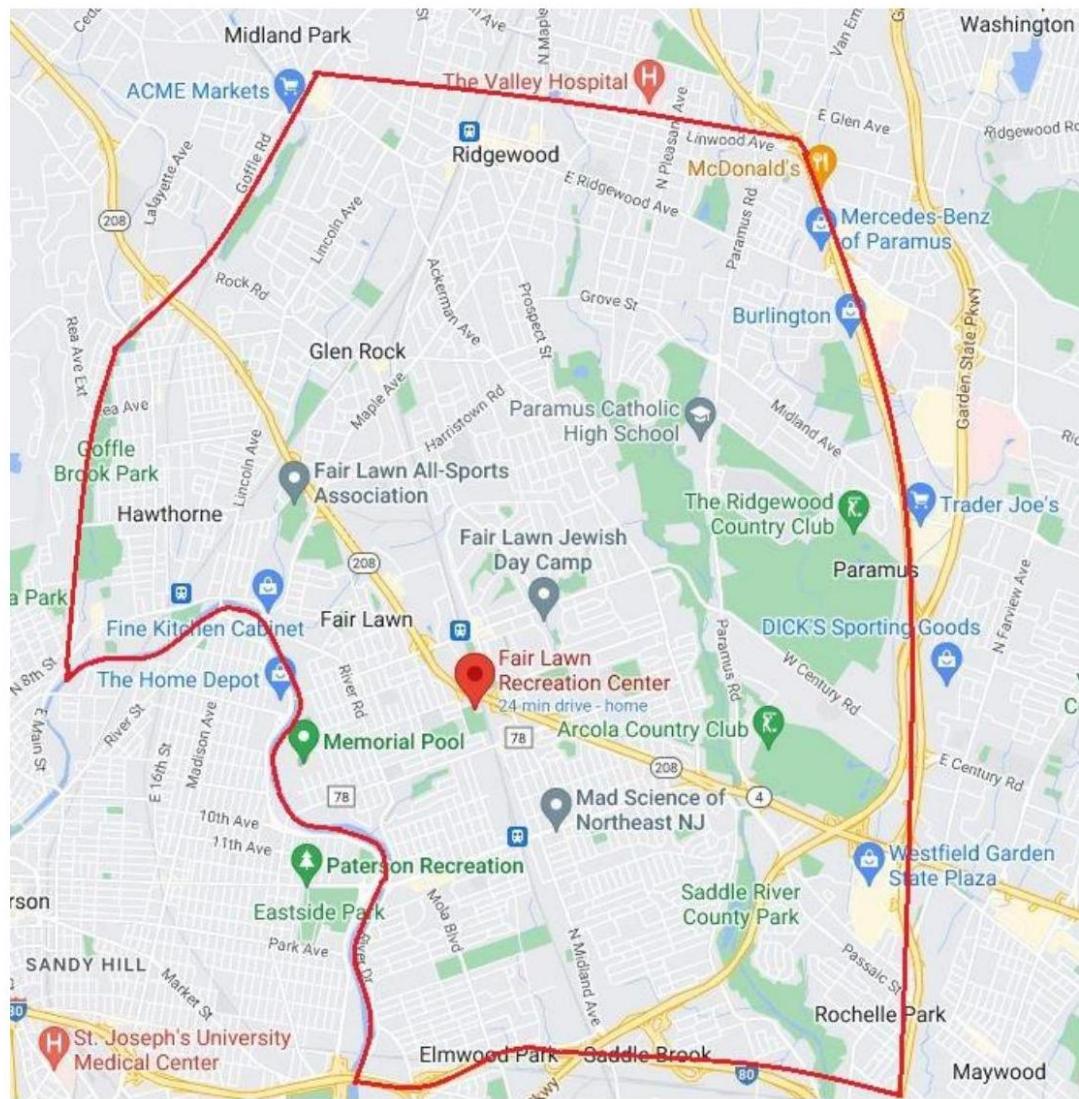
I also propose to create a Radio Direction Finding Special Interest Group. This group will be dedicated on different equipment that can be used including build your own solutions. Radio Direction Finding can be done by all those interested and does not require an amateur radio license as one is not transmitting any radio signals.

1st Revision of FLARC Radio Direction Finding Rules

1. Event starts at Fair Lawn Recreation Center (Typically at 12:00 noon on a Sunday).
2. The boundaries of the Hidden Transmitter are (see map below):
 - a. West to Passaic River (Please Not in Paterson).
 - b. West to Goffle Road in Hawthorne.
 - c. North to Linwood Ave in Ridgewood.
 - d. East to Route 17 in Paramus.
 - e. South to Route 80 in Elmwood Park / Saddle Brook.
3. Transmitter must be visible via automobile from Public Road, or Public Parking Lot.
4. Public Parking Lot includes: Public Park, Shopping Center, Municipal Property, Public School.

Radio Direction Finding, continued.

5. Transmitter should be placed on top of vehicle roof or on a picnic table or bench but must be visible from within an automobile from Public Road, or Public Parking Lot.
6. Those hiding the transmitter MUST be in eyes view of the transmitter at all times. It is suggested to be sitting next to the transmitter.
7. The Transmitter is just a Bofeng like HT Radio. Just like picture →
8. Transmission Frequency will be given on the day of the event.
9. Transmitter will be set at the lowest power that can be received from Fair Lawn Recreation Center (1.5W, 5W, 8W).
10. Transmitter will put out a signal including the KD2BKD call sign in CW for 30 seconds then drop for 30 seconds with silence to repeat.
11. Those who find the Transmitter 1st will be hiding the transmitter during the next FLARC Radio Direction Finding event.



Satellite Special Interest Group Update

Satellite-SIG@FairLawnARC.groups.io

A Special Interest Group SIG for those interested in amateur radio satellites, as well as others like weather, GPS, etc..

I've been having fun with FM satellites. Being new to satellite communications I was able to make some contacts on a few FM satellites. While putting my call out on CAS-3H (Lilacsat-2) I actually had a mini pile up and it was great hearing all the stations calling me. I felt like I was on a POTA activation, only I was in my back yard. My gear consisted of the Arrow 2 handheld yagi antenna, a Yaesu VX5 HT and I used my iPhone for tracking the satellites and recording the QSOs.

When operating satellites I've learned that when using a radio that doesn't have full duplex capabilities it's easier to work the satellites that have a 2 meter uplink.

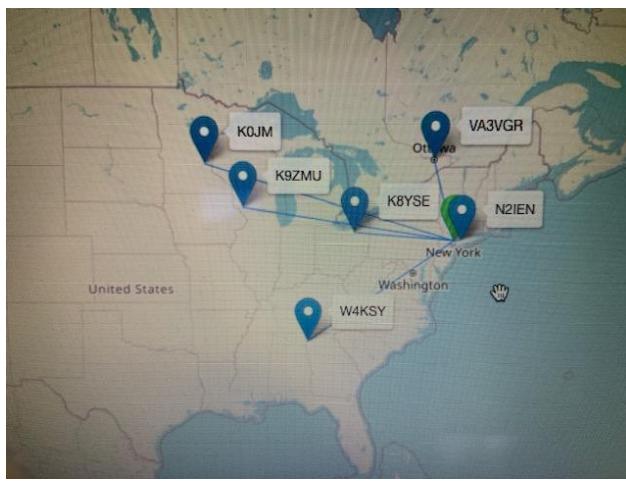
There are many great videos on YouTube to help get you started in this aspect of the hobby. DX Engineering has a good series by Sean Kutzko KX9X for getting started.

It's always nice to learn another aspect of our hobby and have a great time in the process.

Special thanks to Ahmed KD2ZOE and Steve WI2W for answering my questions and encouraging me to give it a shot.

73,

Noel W2MSA



Stations I worked with HT via one satellite pass.

In A Nutshell



So far things have changed as far as weather is concerned. It has gone from 80 degrees at night out here in the country to about ten degrees above freezing!! Now is the time to finish all those outside projects, especially those relating to your outside equipment such as antennas, connectors, and grounding and even a remote tuner if you have one.

There is still a possibility of thunderstorms, so disconnect your antennas and unplug your equipment especially solid-state amplifiers.

My equipment, except the amplifier, is on a UPS that is fed from an underground line. The amp is not – due to the power it takes to run it and that is why it gets disconnected and unplugged when not in use.

The Fair Lawn Amateur Radio Club continues with its fine series of 'Kawfee Talks' due to the work of Ed WX2R!

If you are new to the club and not a member, then JOIN and you will find many activities to be involved in. The best thing that you can do as a ham is to get on the air; and if you are new then listen, listen, and listen to get to know the exchanges between hams and the protocols involved.

Just remember that ham radio is a HOBBY, so get involved and enjoy it!!

Fred Wawra, W2ABE, 73!



What Is It? – Answer To Last Month's Question

By: Fred Belghaus W2AAB



This was one of my personal favorites. Pure steampunk! Kudos to Bill Leger WA2WL, who once again came through with a correct answer. This is an early electro-mechanical telegraph system, not using dots and dashes, but a keyboard based system, consisting of a "communicator" (keyboard), and "indicator" (unit at top). The keys on the communicator (unit at bottom) form a circular pattern around the clock-like dial containing the letters and numbers. When pressed, they activate the dial on the "indicator," the pointer corresponding with the letter or number key depressed on the communicator. Power is supplied by a handle driven magneto on the communicator. This set was made by Wheatstone sometime in the mid 1800s, and was called the "Wheatstone ABC Telegraph."

Although this method enjoyed some popularity at first, it fell out of favor, probably because it was needlessly complex and impractical. Each set allowed only one-way transmission, so to establish a two-way circuit, two sets would be required, also requiring a second pair of lines, thus adding to the overall cost.

Ultimately, the simple telegraph key and sounder system was more practical, and far less expensive. It can be inferred, though, that the Wheatstone ABC system was actually the granddaddy of the teletype system, developed much later, with a keyboard allowing one-way or two-way communication at higher speeds on a single line.

Also, thanks to Alan Gruber, WB2HJZ, for sending another, better picture of this Wheatstone set, but without identifying it.

REFERENCE:

Wikiwand article: "Electrical Telegraph," at: https://www.wikiwand.com/en/Electrical_telegraph

73,

Fred W2AAB

What Is It? – October, 2022

By: Fred Belghaus W2AAB

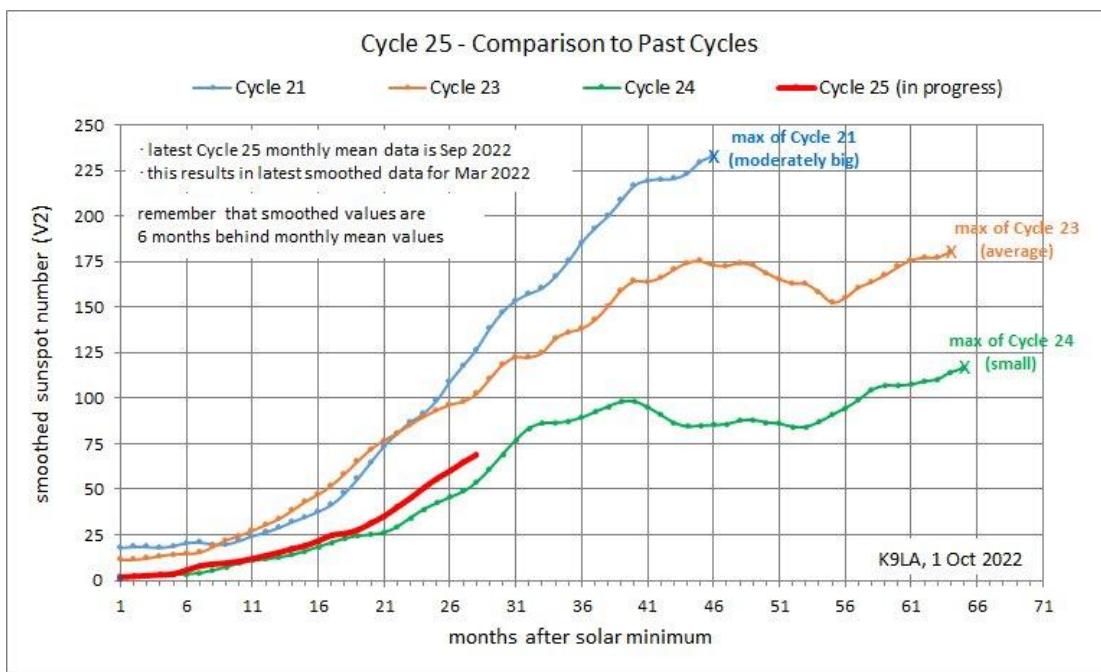


This month, we take a step back in time again to feature one of the most popular tubes used in amateur radio equipment. It was used mainly from the late 1930's well into the early 1960s.

Many Novices licensed in the 1950s and '60s found this tube to be a very important part of their station. It is still in use today in restored vintage equipment, and it is also one of the most desired tubes among hollow state audiophiles.

So, what is it?

73, Fred W2AAB



DX Special Interest Group Update

– Jim W2JC

Operating “Split”

Perhaps you have heard this term in regard to DX stations in the past and wondered just what it means and why would it be used.

The term has different meanings in different aspects of ham operation ... For describing repeater frequencies, we say the repeater is operating “split” when the input frequency and the output frequency are not the same.

When operating FT8 or FT4, we say that we’re working “split” when we are using a different “channel” than what the station we’re calling is using.

When calling a DX station, “split” has a similar meaning – we call the DX station on a different frequency than what they are transmitting on.

Why? Did you ever hear a “pileup” of stations calling a popular DX station? It’s a cacophony of noise! A wonder the DX operator can detect even one call sign, and it will probably be the one running 1500 watts to a 200 foot high tower!

And with all those stations calling at once, when the DX replies to one of them nobody can even tell who he replied to through the cacophony.

Thus, an important RULE OF DXing:

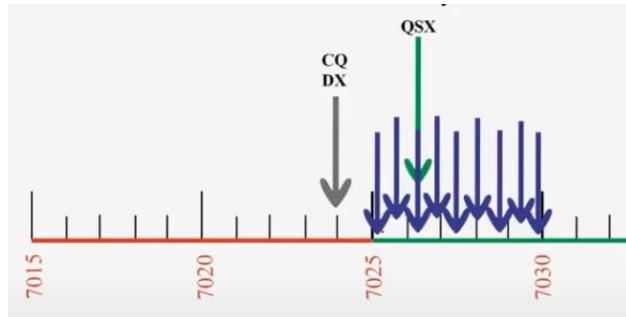
NEVER call a popular DX station on the frequency they transmit on. And if you must tune your rig on-the-air, go off-frequency 10 or 20 kHz at least.

So “operating split” when DXing simply means calling the DX station on a different frequency than what they are sending on.

How can you know that the DX station IS operating “split”? They will call CQ and send “UP” after their call sign; or they will send “QRZ UP” when they finish a contact. This means they are listening on a slightly higher frequency than what they are sending on. How much higher?

DX SIG Update, continued

Usually you have to guess at that! ☺ But often you will see on “spotting” reports how many kilohertz up they are listening. It’s not a fixed number – for CW it may be from 1kHz to 5kHz; for SSB it may be from 2kHz to 15kHz, depending on the crowd of callers. (Remember, SSB signals are much wider than CW signals, so they have to spread out more.)



Here’s a graphic drawing showing the DX station and a 5kHz window of calling stations.

The above graphic was taken from an excellent YouTube video describing “split” operation:

<https://youtu.be/7IXXSvluorE>

How do you know where in that mess of stations to set YOUR frequency? That is the challenge!

There are a few secrets to picking the best spot; the link above does an excellent job of explaining two of the most effective schemes.

Another really excellent video on the topic is:
https://youtu.be/srls_X61dGU

A reminder to our **Technician** members: you too can work worldwide DX, with a few “minor” restrictions ... if learning Morse Code is easier for you than learning the answers to the General Test, then you can actually work DX on three HF bands...

CW: 3525-3600kHz [80m]; 7075-7125kHz [40m]; and 21025 – 21200 kHz [15m]

SSB: 28300 – 28500 kHz [10m]

FT8/4: 28000 – 28300 kHz [10m]

And you can always use the club station and call and get the thrill of working DX !!

Ed - itorial :**Is your QTH the new clubhouse?**

Time indeed does fly by. 2022 is three quarters in the book and you must ask where it went. Life does accelerate as we get older, I guess. In looking back a year, life is slowly but unsteadily attempting to get some sense of order.

But it is not the same. In many respects, COVID-19 has changed everything. Many still choose to work from home or to remove themselves from the workforce. Outdoor dining in good weather is now de regur instead of eating indoors. Masks, while less prevalent, remain visible in many public places. The pandemic has not ended, with nearly 500 US deaths per day in late August.

General attendance to events is down everywhere. Broadway theatres are at 40% capacity this summer. Business conferences report lower attendance with [SXSW](#) [South by SouthWest conference] down 20% over 2019. It is becoming harder to attract attendees (and get them to show up) because the pandemic has fundamentally changed the way most people value their time and so their willingness to take time out, even for a few hours, is less than it was.

In speaking with NNJ club presidents, it is much the same. Lower member attendance at general meetings; lower ham fest attendance (except ours!). A greater reliance on Zoom to keep people together, and a reluctance to walk away from it as time progresses.

And that is also true for the clubhouse. Many of us ask, "where is everybody?" Although attendance at both Tuesday and Friday sessions has improved over the past few months, it is nowhere like the 30-40 members that invaded the clubhouse on a 2019 Friday night. The 2022 member survey indicated that only about half of respondents would return due to the virus and that looks to be an accurate prediction of current behavior.

The clubhouse remains a valued asset, yet its purpose seems to be changing. While it may no longer be the social center for club interaction, it

does seem to serve far more of a utilitarian purpose for those who want to experiment, get on the air, or see it as a place of learning.

Perhaps it is to become a new SIG — the clubhouse as a venue all its own for those with intense interest in the hobby and time to utilize it. We have invested money into the station (as members have requested) but utilization remains low.

It may also morph into a place that is more community centric in getting new groups involved in the hobby, with those who are already "radioactive."

I've dubbed it "The Radio Center" — a place that explains what amateur radio is and does and how it can be both fun and of value to the local community.

Right now, the clubhouse is decidedly insular — a "members-only secret," cluttered, not inviting and perhaps intimidating to the uninformed.

What we want the potential ham radio "customer" to see is probably not what they do see, both for visitors and newer members alike. At least, that's my opinion. Perhaps our new partners at WPBARG (which is based in a Science Center) can help us in creating a more inviting and functional living environment.

But whatever transpires, it is critically important to maintain the value and purpose of the clubhouse. Nothing is a given and it will be up to the 2023 officers to find new ways to attract both attendance and interest.

DE Ed WX2R



Contest Corner

– Van W2DLT



It's coming – It'll be EXCITING... We're finalizing questions now for future issues – we dig deep into some of the most prolific and professional contesters in the country to bring you their thoughts and secrets – in their own words – STAND BY! Should provide valuable insights for all, even the "casual" contest and/or DXer...



This will be a very abbreviated “corner” this month. Many, many smaller contests earlier in the month including many state QSO party’s. These are “mini” contests, easy to work, short duration and always fun – to get new states and counties into your log.

October 8th-9th Nevada QSO party

October 8th-9th Oceania QSO party CW

October 8th-9th BOTH Arizona and PA QSO party

October 15th-16th New York QSO party

October 23rd North American SSB SPRINT Contest – ONLY 4 HOURS LONG!

And the BIGGIE (One of the four BIG annual contests):

October 29th-30th ALL BANDS 10-160 SSB. The CQ Worldwide DX Contest – SSB... Look for me/us from V26B in Antigua. We'll be VERY loud, with 5 transmitters, all KW and multi-stacked yagi's.

Where the heck is Antigua anyway you ask? Here a picture and map... It's a beautiful island in the Caribbean – don't you wish you were here too?



If you can't hear us, you ain't listenin'!... Hope to hear you on.

I'm in Bermuda on a cruise now, so not much time to research items of interest for the column this month. Sorry. It'll be more fun next month with our first “interview”..

73, Van W2DLT



FLARC PortableOps SIG

PortableOps@FairLawnARC.groups.io

This is a Special Interest Group (SIG) for members interested in portable ham radio operation such as POTA, SOTA, IOTA, LOTA, etc. The purpose of this SIG is to get outdoors and practice our operating skills from different places. We can share outing experiences, tips and work on our operating skills.

I am proud to announce that I am the new POTA state map rep for New Jersey, carrying on the great work that Claude Ray AC4SH has been doing. This is part of a streamlining and expansion initiative by POTA leadership. Though I technically live in NY State, I am only a few blocks away from New Jersey, and have activated 59 out of the 100 NJ POTA sites so far, with a goal to activate all.

New Jersey offers a wide range of opportunities, including many 2-fer's and 3-fer's. Let's help each other get out there and enjoy all that portable ops offers.

I'm looking forward to your input and feedback on POTA sites in the state, and to helping make POTA more enjoyable for all. The FLARC Portable Ops SIG is truly considered a leader in this category, and I am also proud to be associated with this awesome organization. Thanks in advance to all and best 73.

Steve KA2YRA

When does a hobby become a passion?

I began my adventure in Amateur Radio in 1985 as a Novice after many years of enjoying the fun of CB (Citizens Band) radio from home and the car. Not really finding pleasure in using Morse Code to communicate, which I had learned in the Boy Scouts as a kid, for the Radio and Signaling Merit Badges. I quickly found my way to the General class license so I could really talk to other people around the world. I like the personal touch that comes with a voice, and I like to talk to people, on the radio or in person. I'm a Talker!

Report from Portable Ops SIG, cont'd

Being fortunate to be in a private house in Brooklyn at the time, I was able to put a big directional antenna on the roof - as well as a vertical type. This enabled me to make connections all over the place with what are known as DX stations. Back then there was no internet, so to find someone to talk to I would turn the antenna 15 degrees at a time then listen from the bottom to top of the band I was on until I heard someone. I'd of course talk to "Local" stations in the states, but my fancy was those distant voices with foreign accents, that's what gave me the thrill of radio that I'd developed by listening to my grandmother's old Zenith short wave receiver as a little boy.

Pileups weren't as heavy then as everyone had to "Find" the DX station the way I did – tuning around for a voice in the speaker. Exchanging QSL cards wasn't easy then either. I had to give my Post Office box address over the air to people for whom English was not even a second language, but they did their best to get it right and every once in a while I'd find some cards in my box. I'd take their address also and send my cards – which were Tourist postcards bought in NYC for a dollar a dozen then.

Over the years I'd become more proficient and find the DX before the masses found them, which then became a festival of callsigns being shouted over each other, as it is today but not as bad. Our "Spotting Network" was calling our friends on the phone to tell them *This DX is on a particular frequency, hurry up before more come!*

After my second child came in 1990 I had less time for radio and by 1992 I'd all but forgotten about it, putting the radios at our country house with a single vertical antenna for the occasional chat with a local. I mostly used it to communicate between the house and car when I'd go out fishing or hunting – not much DXing then. I renewed my license once but then forgot about it

Fast forward to 2016 when I was scrolling through eBay and saw an ad for R. L. Drake twins, which were what I used in the earlier times. I decided I must have them. I then went and got my license

Continued on next page.

Report from Portable Ops SIG, cont'd

back – being that it had lapsed in 2007. My old call was still available. The tests were easy so in a few months I was through both General and Extra.

I'd found some more Drake equipment, put up a few yagis and verticals and a wire for Top Band, and the fun began! I started chasing DX as soon as I fired up the first set of twins with a matching Drake amplifier and the log started to quickly fill, thanks to the *New to Me* spotting clusters.

The first hundred was easy, the second tough, and the third – still working on it. I'm at 279 now and constantly watch for New Ones to hit the spots; but most of all, it is the DXpeditions I am after.

Chasing them, though, does not really give one the sense of what it takes to do, they are just callsigns on a computer screen and voices in the speaker, you don't think about what it takes to get to the remote locations, the difficulties, time and costs that the activators deal with – just another entry in the log.

I got into doing what's called Special Events in 2017 when an historic parade was to happen a few blocks from me, the King's County 150th Memorial Day Parade in Brooklyn. I knew the people running it from involvement in the past with the Boy Scouts, so I was able to get the OK to set up a station at the reviewing stand in the local park. That adventure was great, so I started finding more events of significance to use as reasons to do more. In 2018 I also learned of an on-air program called Parks on the Air (POTA) and quickly dove into that, as a way to get more time on the radio and make lots of contacts. Between the SES and POTA operations I'd quickly gotten the many awards for states, grids, counties etc. and of course Contesting brought even more awards - I even placed in a few and won a contest I don't remember being in – that's how much time I was Playing Radio.

Doing these things enabled me to meet a lot of people very active in the Ham community and I joined some clubs and became a VE Liaison for one of them.

As I got deeper into the POTA program my

operating skills and technique developed quickly. POTA is so big that when conditions are good, pileups grow as big as the rarest Expedition so after a few hundred activations, I was as good and fast as anyone. Actually, I became faster than most, and could take up to five calls at a time and log them at rates to 400 plus an hour with minimal exchanges. There are about 27,000 members worldwide in POTA and they are Always out there, looking for another contact for their own awards and with my mobile setup, I have a pretty good reach around the world.

But let's get back to DX and expeditions; one of the clubs I got involved with was the NYC DX Association – W2NDX, a club that a friend started with a small group of people who like to hunt DX. As luck would have it, one of the members was an avid expeditioner, KO8SCA from Queens NY, having a couple of dozen expeditions under his belt. We'd talked a few times, with him describing a few particular adventures to far-away lands, then we got to operate together at a special event one of the members put together. At this event we tested an antenna destined for an expedition as well as an amplifier that would also be going. I had a blast and learned a lot.

Lots of time passes, then, one recent Sunday morning, I received a message from our Queens friend asking if I'd like to fill an opening for an expedition in Alaska to which I quickly replied Yes without even asking any details.

It turned out to be probably the second most formidable expedition of all, surpassed only by the Bouvet Island expeditions, which had yet to succeed due to the extreme weather in the South Atlantic. So, I went from a local activator at parks to a world-class expeditioner overnight; I took an express elevator rather than climbing a ladder slowly as all others do. The one I am referring to was Kiska Island at the end of the Aleutian chain in the middle of the Bering Sea, callsign K7K. If anyone has watched the TV reality program Deadliest Catch, you'll know that that section of

Continued on next page.

Report from Portable Ops SIG, cont'd

Earth's water is the roughest on the planet. The warm currents coming from Southeast Asia mixing with the icy currents dropping from the Arctic Ocean make for some powerful winds and waves with swells reaching as high as 40 feet with an average of about five feet on a calm day. Add to that the never-ending fog and rain, and winds gusting to 80 mph without end and you're in for a real "Survival" adventure.



Image from <https://www.qrz.com/db/K7K>

The Island is so remote, 1,500 miles west of Anchorage, that it took two planes and an almost 40 hour boat ride to get there, then a wait for a break in the weather to get to the beach in a small rubber boat not much bigger than a bathtub with a small motor! After about 20 trips we got all supplies and equipment ashore and set up camp.

This part was easy for me because I have a lot of experience thanks to my Boy Scouting life. The difference I felt was that there is 21 hours of daylight for each 24 so after the first day, I'd lost all sense of time. We were eating and sleeping randomly between operating or staying warm and dry when the storms came. We lost one tent, of course the one I was in, on the third day to high winds tearing through a valley west of our location, but quickly put up a spare during a lull in the wind.

It seems we got blessed with fair weather for a while because the area is known for less than two weeks' worth of sunlight a year and we had three days of sun which amazingly were the day we landed, the day after the windstorm and the day we left the island. If not for those few hours of

calm, we may have been there much longer as the waves were breaking at 3 or more feet daily along the beach which prohibited launching our little dingy into the harbor. Let's just say that Poseidon was on our side for this one.

The beauty of such a remote location, devoid of anything human for thousands of miles (beside the majestic views we had along the route and from our campsite) was the non-existent noise level – an activator's dream! Propagation was fair and we made thousands of contacts on 15 through 40 meters between CW, SSB and FT8. I was the primary phone operator and made a few thousand myself, being able to copy those incoming calls at S-1 or less. For me, the best excitement was hearing my friends call in so I'd knew they got the rare contact, as many are POTA and IOTA (Islands on the Air) chasers, as well as giving them Alaska as a state and DXCC entity, which seems to evade so many. Before embarking on the expedition, I'd made sure it would be listed in the POTA system as a wildlife refuge.

Another personal bonus was being gifted a new headset from DX-Engineering when I solicited a donation, as many expeditions do. The boss there, Tim Duffy K3LR, was happy to support us and said just send a list of needs to his assistant and it will be taken care of. When I mentioned I could use a new headset, I heard: "Which one do you want?" So, now I have a new Heil Pro 7 with a DX enhanced mic element...

If I had to pick one aspect of the trip as the most interesting it could only be the boat rides to and from Adak Island, which is the last place a commercial plane can land. I've flown so many times and while the view from 35,000 feet of the mountains and glaciers was nice, the magnificence of what we saw at sea was beyond amazing. Passing smoking volcanoes sticking out of the water, covered in both snow and green moss, was something out of a fairytale for us all. Also, the vastness of so much **nothing** out there, when we get beyond the view of an island, yet there

Continued on next page.

Report from Portable Ops SIG, cont'd

seemed to be birds constantly flying by. I wondered how they fly so far from land in such strong winds, just to hunt for an errant fish that might break the surface.



Photo from <https://www.qrz.com/db/K7K>

On the return journey we stopped in the darkness to try our hand at fishing, hoping to get a large Halibut to eat on the way home. When stopped in the blackness with the bright lights of the boat, sea birds came to us by the thousands. It was like an assault with a half dozen different kinds of them swooping all around us. From small ones that fit in your hand to giant ones with horned beaks and even bigger gulls, it was a struggle to not get hit by them. Many of the smaller ones were collapsing on the deck exhausted and we'd pick them up and toss them back into the air, only to see them attacked by the large stronger birds and get torn apart. The cycle of life out there is unforgiving. A moment of weakness and you are another's lunch!

As a younger man, I'd tried my hand at fishing locally from what's called Party Boats in Brooklyn, but had always gotten seasick and ended up nauseous and sleeping most of the time; but with this trip, thanks to some of the team members giving me something called a Scopolamine Patch, worn behind an ear, I felt like an "Old Salt" as it were, getting my Sea Legs quickly and not even noticing the heavy pitching and bowing as we plowed through the often 8 foot swells at up to 10 knots.

It certainly was interesting to try sleeping in the tiny bunks, mine being right behind the bow on the port side. They were stacked like kids bunk

beds and I was in the lower, with the top only two feet above, so I was bounced between them on the way out which was the roughest part of the trip. Needless to say, I didn't sleep much and spent most of the daylight time (21 hours!) out on deck or in the wheelhouse talking to our Captain, a fellow named Rick who, despite his gruff appearance, was a very congenial and interesting man as well as generous in the way of hospitality.

Midway through our island time we'd taken advantage of calm weather and sent some unused items back and refilled some fuel containers for the generators. When our shuttle Pilot, Alex – KL5CX (*an actual commercial airline pilot*) – returned he had an unexpected surprise. Rick had made some delicious grilled chicken, scalloped potatoes-au-gratin and a big chocolate cake for us. Of course, he sent a half-gallon of milk to go with the cake. We were overjoyed with the Real Food, as we were eating MREs from pouches the rest of the time.

The best though was when we were all back on board after a hastily maneuvered exit and soaking wet, he surprised us again with the most amazing spaghetti and meat sauce I've had in a while. I grew up eating that, being an Italian from NY, so when I was sneaking to the fridge to grab it cold, he knew it was the real thing. We could not have had a better experience with another boat or captain.

The true courtesy was when I came onboard during departure, I was the second back to help offload the dingy, and I was drenched from three big waves that broke into my face when pushing off the beach. Upon turning over the railing Rick saw I was soaked down to my socks. He quickly took me into the galley and handed me two towels suggesting I warm them in the onboard dryer, along with my wet clothes, while having a quick shower. He said "I'll help with the unloading until you're ready" which was a most kind gesture in my eyes. Of course, I enjoyed the shower after 10 days of Camper Living, then quickly suited up and got back on deck to pull equipment aboard.

Continued on next page.

Report from Portable Ops SIG, cont'd

We had a bit of a scare though, during the offloading of the island during the surprise bit of sun that came upon us suddenly. The forecast was for bad weather until about 6 pm (only the captain knew the real time) so we were huddled in one remaining tent, eating processed meat and sitting in corners to hold it against the howling winds while waiting for the predicted calm when suddenly we noticed the winds had begun to diminish and the clouds were parting, exposing rays of sunlight on the beach. We quickly called the boat and said "We're getting in motion Now" to which Rick replied, Let's Do It!

We put Hal W8HC, into the dingy with whatever else would fit and sent him off, Alex at the tiller. After a couple of runs of equipment I went out (getting soaked by those waves) to help Hal hoist the stuff up from Alex. After about three more runs Alex was stranded – the motor died. The boat was maybe 200 yards offshore so rather than drift out to sea Alex rowed back to the boat, an arduous task, and we pulled the boat on deck.

None of us knew much about small outboard motors so a bit of a panic set in. We still had 80% of the equipment and three people on the island, with no apparent way to extricate them. But again, our luck came through and we got the motor running and took the chance to send Alex back to fetch Tim NL8F, who was the master motor mechanic.

We pulled the dingy up again and Tim quickly found that sand had gotten into the internal cooling ports. A few blows of compressed air got it back to running smoothly and away Alex went. Yuri N3QQ and Adrian KO8SCA worked like machines, loading each time Alex would return and after a while all was safely on board.

Rick turned the boat eastward and headed out of Kiska Harbor as we waved goodbye to our home of two weeks, smiling, yet sad that it was now over. There is nothing like living under such extreme conditions to bring a group together, becoming somewhat of a little family. Of all the humans on the planet, 6 grown men, veritable strangers, lived and worked together towards the

common goal of first, survival, and second to give the anxious DX chasers the chance at an ATNO (*All Time New One*) for the many aspects of awards / credits they would derive from a single contact.

Did we do it for them? Of course, that's the purpose of a DXpedition. Did we do it for ourselves? – Absolutely! When would a group of men otherwise have the chance to live like young boys, camping in the wild and playing with our favorite hobby? Sure, there are costs, financial being the greatest – we dumped a veritable *Boatload* of money into getting there with the travel, equipment and supplies, many of us buying things just for this adventure that we'd otherwise never need. The time it requires from beginning to end, with meetings and time away from work and family, and the physical toll it takes on the bodies of "Vintage" men such as we are, is quite substantial. Our oldest team member is in his seventies, most not far behind, and the youngest at 43, but for those few weeks, were as teenagers alone on a deserted island living like we didn't care.

Would I do it again? There is but one immediate answer: Where do we go next!

James Gallo, KB2FMH

K7K expedition member

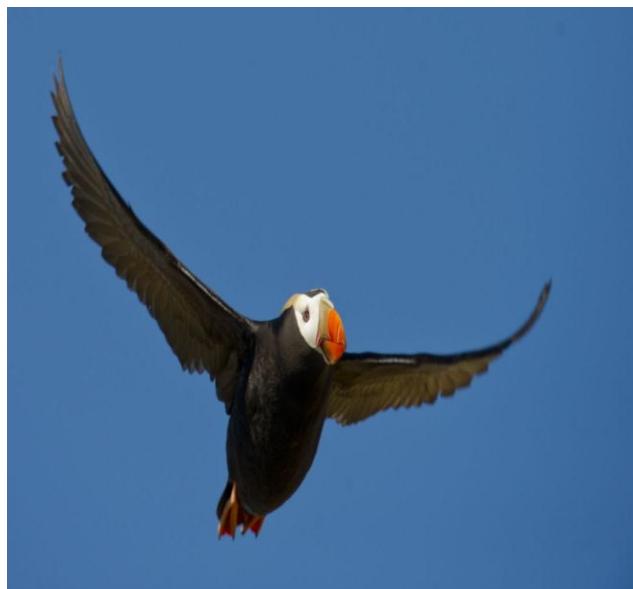


Photo from <https://www.qrz.com/db/K7K>

Theoretics Demystified

First for a few fun facts and related information.

Did you know that the AC power grid runs at 59.5 Hz or thereabouts during the day and at 60.5 Hz or thereabouts at night. This is because of the daytime load on the system and the 'speedup' is to correct the AC clocks that were slowed down during the day. Most digital clocks have their own oscillator crystal so that does not affect them.

Another thing is that we have 120 volts and most of the world has 240 volts. Why? When there was the AC vs DC war going on in the early day of power distribution, all of the light bulbs were made to run on 110-120 volts, and there were so many that to change all of them would have been cost prohibitive, and since the bulbs ran on either AC or DC, the voltage was left at 120 volts in North America.

Meanwhile the Europeans went to 240 volts which meant a saving in wiring costs and improved efficiency in power distribution over distances. The usage of 50 Hertz also helped with other losses. On the other hand, we went to 60 Hertz because some people were sensitive to the flickering of bulbs at the 50 Hertz rate.

When I was in Israel a couple of years ago, I was surprised to see a power distribution breaker box [with a plexiglass cover, no less] and saw that the wiring was much thinner than what we all are used to seeing – and most of the wiring was stranded, which made for easier runs.

I also noted that looking at an abandoned conduit that had been cut that there were multiple thin stranded wires that were used for power distribution! Because of the differences in voltage and cycles therefore when you now buy a small cube type switching supply for your phone or iPad that it says 100-240 volts AC 50-60Hz! That way the charger can be used anywhere in the world.

In the last few years engineers have developed a way to efficiently convert high voltage AC used in those big transmission lines to DC for long distance transmission. This has been used for a while in the northern countries in the high

Theoretics Demystified, continued

latitudes due to the interaction with aurora borealis. This past summer we had a major power failure when a high voltage transmission line broke and landed on route 80 in Wharton NJ. It landed on the highway and snagged several cars when it landed. Thanks to the automatic cut off when the line failed, no one was electrocuted. It took several hours to get the line restrung and connected.

Unfortunately for me, the glitch that occurred during the failure corrupted the firmware in my laser printer and put it out of commission. This was even with a special surge protector on the AC line. Examining the protector while changing out the printer, I discovered something loose inside. Taking it apart I found that the MOVs [metal oxide varistors - the "sure" protection devices] were blown off the board by the surge.

It is a good idea to replace the MOVs every couple of years or get a new protector or better yet get one with a gas discharge device which will provide protection also. The MOVs 'wear down' after repeated spikes on the line and eventually are of little value regarding protection against AC spikes that occur during power surges. It is advisable that during a power failure that all breakers are turned off especially those that go to devices with electronics in them.

So, ham radio operators, disconnect your equipment if not on a UPS and always unplug your solid state linear when not in use [aside from disconnecting antennas]. Better safe than sorry. You can find an excellent quality push-on antenna disconnect, which eliminates having to unscrew the connectors when you are off the air. Buy GOOD QUALITY connectors, not cheap ones from China. I learned the hard way with cheap connectors that were intermittent. You spend a lot on the radios and peripherals; why not follow through with the connectors and cables?

Fred Wawra, W2ABE, 73.

FLARC Proof of Performance

Why is FLARC New Jersey's most exciting radio club?
Here are just a few reasons so far this year:

- **Field Day at Memorial Park**
- **Winter Field Day**
- **World Amateur Radio Day special event**
- **Earth Day At Great Falls special event station**
- **POW/MIA special event station**
- **Memorial Day parade public event**
- **Portable Day with BARA**
- **Fair Lawn Street Fair(s) public event**
- **Hawthorne Green Day event**
- **Independence Day Fireworks public event**
- **9 Special Interest Groups**
- **North American QSO Party**
- **NJ QSO Party**
- **Foxhunts**
- **Summer VANFEST at W2DLT (scheduled)**
- **Field Trip to W1AW**
- **Partnership with WPBARG**

Plus:

- **"Pop-up Tuesday" Zoom and open house**
- **RACES public service**
- **ARES public service**
- **Monthly VE sessions**
- **Weekly Zoom meetings**
- **Annual member interest survey**
- **Weekly Monday "Near and Far" Net**
- **Thursday DMR net**

Plus:

- **84 consecutive months of speaker programs—89 total speakers**
- **New equipment in the shack!**
- **New antennas on the roof!**
- **And... a clubhouse!!**

That's why FLARC is the best club around!! Join us with more activities, speakers, and projects to come!

GET ON THE AIR!!

BE ACTIVE IN THE CLUB!!

Raspberry Pi and Arduino Special Interest Group Update

Rpi-Arduino@FairLawnARC.groups.io

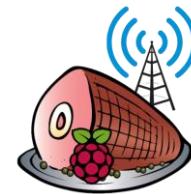
A Special Interest Group SIG for those wanting to learn about and use Raspberry Pi, and Arduino, modules - with special interest, of course, for ham radio projects...

FLARC has a new SIG for those who experiment and build Ham Radio equipment with Raspberry Pi and Arduino boards or would like to learn. See last month Ham Clock project for an easy and very nice addition to your radio room.

There is also a FLARC "raspberry_pi_and_arduino" channel on Slack.

For those interested in joining all the Rpi-Arduino excitement, contact Bob H. by email at KD2BKD@optonline.net for more information.

Or just go to the club website FairLawnARC.org and use the "Join Special Interest Group(s)" link on left.



2022 Member Profiles

Here are this year's member profiles. An index of previous years can be found elsewhere in this issue. All profiles can be found in the newsletter archives on the FLARC website.

Month	Name	Callsign
January 2022	James	KB2FMH
February	Brian	N2BTD
March	Luisa	KD2YWX
April	Ria	N2RJ
May	James	KB2FMH
June	Ken	W2SCT
July	Avanti	KC3DZG
August	Norm	KB2JRP
September	Ahmed	W2/HC2AP
October	Mitch	KD2IIU
November		
December		



For FLARC membership info and renewal/application form please visit:
membership.FairLawnARC.org

FLARC Dues, new and renewal, (and even donations!) can now be made on-line ...

[Please note that this is a temporary improvement while Dave KD2JIP works on a real, full-fledged web page for filling out the membership/renewal form and submitting that and payment on-line.]

Payments can be made using either PayPal or Zelle.

Here's how –

Using PayPal —

Log into your PayPal account at

<https://www.paypal.com>

At top right, select "My PayPal"

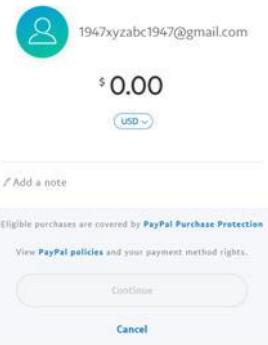
Under Quick links, select "Send Money"

In the window showing
Name, email or mobile number
enter this email address:

1947xyzabc1947@gmail.com

Click on [Next]

Enter \$ amount you
are sending, & in
"add a note" area
type in your CALL
SIGN and which
year
the dues are for, &
any other
explanation.



Click on [Continue]

Click on the [Change] button

Click on "Sending to a friend" link

CONTINUED IN NEXT COLUMN —>



Sending to a friend

No fee to use bank or balance to send to
friends and family in the U.S.

You will see a summary of your transaction;
if no changes are required, click on

[Send Payment Now]

to complete your transaction.

\$

Using Zelle —

If you are using Zelle through your bank
account, just send your dues to the following
number: 201-240-9317

Don't forget to add in the note/message
section your callsign and that it is for your
dues.

OR you can still use a good ol' Check or
Money Order payable to FLARC - always put
your Call Sign and "dues for vvvv" on
the check. MAIL TO:

Bruce Kalogera, NJ2BS
163 Meadow Lane
Secaucus, NJ 07094



Fair Lawn Amateur Radio Club

Fair Lawn Recreation and Community Center
10-10 20th Street
Fair Lawn, N.J. 07410

MEMBERSHIP/RENEWAL FORM

Name _____ Call _____

Address _____ PO Box _____ Ste./Apt # _____

City _____ State _____ Zip _____

Roster Published Phone # _____ Unpublished Phone # _____

Roster Published EMAIL _____ License class: _____

ARRL Member ? RACES Member ? ARES Member ? CERT ? VE ?

Additional Family Members (In same household) —

Name _____ Call _____

Name _____ Call _____

Introductory and Student Membership \$ 20 \$ _____

(Students under the age of 18 eligible for student membership)

(Introductory membership open to new members
or not a member in last 7 yrs)

Associate Membership * (No Fee)

* Open to Fair Lawn Residents Only. No voting rights or other privileges.

Renewal of Current Membership \$ 25 \$ _____

Three Year Renewal Incentive \$ 65 \$ _____

(Single memberships only, family memberships excluded)

Additional Family Members # _____ at \$ 5 each \$ _____

Life Membership \$ 625 \$ _____

Senior Life Membership (65 yrs. of age or over) \$ 250 \$ _____

Equipment Fund Donation, above regular membership dues \$ _____

Total submitted \$ _____

Date _____

I hereby acknowledge the By laws and rules and regulations of the club and will abide by them as amended

Please Note: Memberships are NOT Pro-Rated. Membership is from Jan 1st to Dec. 31st of any given year unless documented otherwise.

Please make your dues check payable to the "Fair Lawn Amateur Radio Club" and remit to the following address:

Fair Lawn Amateur Radio Club

Bruce Kalogera NJ2BK

163 Meadow Lane

Secaucus, NJ 07094

Mail sent to the clubhouse will be delayed due to
Covid. See website for other membership options.

Complete this form for NEW or RENEWAL ARRL membership and give to FLARC Treasurer [Bruce Kalogera NJ2BK] with your payment check.



ARRL Affiliated Club Membership Application

I am a brand-new member, or my membership lapsed for 2 or more years. My club will receive a \$15 commission.
 I am renewing (includes lapsed members of less than 2 years). My club will receive a \$5.00 commission.

Name _____ Call Sign _____

Address _____

City _____ State _____ ZIP _____

Email _____ Phone _____

Date of Birth ____ / ____ / ____

My Family Member is Joining or Renewing: (Annually \$10 per member)

Name _____

Name _____

Your Annual Membership Dues -

Circle Your Choice

	3 Years	2 Years	1 Year
US Membership	\$140	\$95	\$49
International (Digital Only)	\$140	\$95	\$49
International (with mailed QST)	\$217	\$147	\$76
Blind	\$30	\$20	\$10
Family	\$30	\$20	\$10
Student			\$25

TOTAL \$

Choose your print magazine -

Check One

QST, ARRL's membership journal for active radio amateurs (12 monthly issues)

On the Air, Beginner-to-intermediate-level help and advice (6 bimonthly issues)

Digital Only (All members can access the digital versions of both magazines)

Payment

Enclosed is my: Check Money Order Charge RequestCharge to my: Visa Mastercard Amex Discover

Card Number _____ Expiration Date _____

Card Holders Signature _____

Toll Free (US) 1-888-277-5289 or 860-594-0200 • ARRL, 225 Main St., Newington, CT 06111-1400
membership@arrl.org • www.arrl.org/join

Print this form from the Resonator PDF file, or download from:
<http://www.arrl.org/files/file/Clubs/2022%20Affiliated%20Club%20Membership%20Application.pdf>

October 2022

FLARC Business Meeting

Fair Lawn Amateur Radio Club
Secretary's Minutes Prepared by David KD2MOB
Business Meeting of October 7, 2022

The Meeting was called to order by Nomar NP4H, at the Fair Lawn Community Center. The meeting was held via Zoom video teleconference as well and began at 7:30 PM and concluded at 8:50 PM. Approximately 7 attendees on Zoom and 23 attendees at the Community Center.

The Pledge of Allegiance was recited at 7:31 PM

Nomar NP4H facilitated a roll call, and a quorum was established.

President - Nomar Vizcarrando, NP4H

V. President - David Corsello, KD2JIP

Treasurer - Bruce Kalogera, NJ2BK

Secretary - David Gotlib, KD2MOB - arrived at 8:10 PM

Trustees (3) - Ed Efchak, WX2R
Fred Wawra, W2ABE - arrived late
Brian Cirulnick, KD2KLN

September's meeting minutes are located in the September Resonator.

Motion to accept the Minutes - Ed WX2R, Seconded by Skip KD2BRV. Motion carried unanimously.

Treasurer Report by Bruce NJ2BK

Dues - Please fill out the applications (apps) every year. Email addresses and other information changes.

Nomar NP4H asked Bruce NJ2BK - Can the dues application be filled out online? Bruce stated no. Jim W2JC stated- it's not fillable online. When Jim has the spare time, the application will be updated online.

Motion to accept the Treasurer Report as presented - Paul W2IP, Seconded by Ed WX2R. Motion carried unanimously.

Opening remarks by Nomar NP4H. Nomar welcomed everyone to tonight's business meeting.

Committee Reports

Technical Committee - Paul W2IP - The repeater antenna is up on the tower and on the air, getting good coverage. Work has to be done on the other tower. The repeater is fully working. Get on the repeater, and get on the net! The new antenna went live on September 24th. The repeater is DMR capable, but interest is lagging. We may test other modes. A new repeater might be purchased, as the club has been offered a good price for a new one.

Continued on next page.

October 2022 FLARC

Business Meeting, continued

Nomar inquired about the coverage of the new repeater. Brian stated that he has strong coverage at his home. Others said that the coverage is strong as well - Rockleigh, NJ, Orangeburg, NY

Steve WI2W - Thank you to Paul and the team. Are the 6 meter and 10 meter antennas on the tower? Paul - No, they are history. Steve - Any plans to replace them? Paul - Not now; we are open to putting them on the other tower though.

Jim W2JC - Placing a 10 meter antenna on the 20 meter antenna tower would mean that both antennas will point in the same direction - a disadvantage during contests, especially now that 10 meters is becoming very active. Paul - the more antennas, the more potential for other problems. More wiring, greater expenses.

Nomar asked Paul about a new vertical antenna which may be worth purchasing, an R9 or an R8 antenna. Nomar has an R8 antenna which can be brought to the club for a trial.

Jim W2JC -

Technical Committee - The new Green Heron rotator controller seems to be a big hit with ops at the club station. It was especially appreciated during the North American QSO Party and the NJ QSO Party operation.

Steve KA2YRA has done a tremendous job updating and enhancing the digital (FT8) station at position 2. Steve stated that the software for FT4 and FT8 is operating and is open to other modes. The timing has to be proper for FT8 and FT4, some issues. Please reach out to Steve. Nomar stated that Steve has done a great job.

It would be nice to get a few volunteers to learn the Flex setup and features for positions 4 and 1, so they can assist other members with enjoying the operation of our new, state of the art equipment.

QSL Manager -

Half a dozen QSL cards have been received for contacts made during the NJ QSO Party and have all been responded to with W2NPT QSL cards. Cards received are in the plastic folders being passed around at the meeting.

Web, etc. -

Would welcome volunteers with some web design skills to update some of our background pages such as the presentation of our operating positions, and pages showcasing our club activities.

The web stats indicate that we have had almost as many hits to the website in the first seven days of October as we had in all of September! 614 in the first week of Oct. vs 709 in all of September. 75 visits in Sept. vs 69 already in October. It appears that most of the traffic to the site has been to obtain the Newsletter.

Panel project - Position No. 4 has too many wires. Jim W2JC would like a new patch panel to be designed. Maybe 3D printing for the box can be used. Please submit your ideas to Jim W2JC.

Jim is looking for volunteers to work and demonstrate the flex radio positions. Noel W2MSA would like to help and had some comments / questions about policies and procedures and running the stations at positions 1 and 4. A lot of club members are intimidated / not comfortable about operating. Jim suggested that there be station managers.

Marketing Committee - Ed WX2R -

Continued on next page.

October 2022 FLARC Business Meeting, continued

Programming - *Kawfee Tawks*

October 21: Paul Cianciolo W1VLF "RFI in the shack, Not your Father's RF"

Thank you to the almost 60 people who sat in on the Kawfee Tawk on Wednesday, October 5th.

November 19 (Saturday 10:00 ET): Swiss Short Wave Radio Merry-go-round. HB9ASQ - Bob Benonni

December 16th: Ria N2RJ - ARRL Update

Three speakers for Q1 2023 are scheduled.

Events -

River Road Fair - Sunday, October 16th. We're looking for 2 more volunteers. We would like there to be greeters as well as those setting up and taking down the booth.

Partnership Update - WPBARG POW MIA event K4MIA/2 - 20 partner stations. Between 16,000 and 20,000 QSOs. We are planning on linking repeaters between FLARC and the West Palm Beach Amateur Radio Group in the future. They do not have internet to their repeater and so cannot use as an EchoLink node.

Be on the lookout for the upcoming FLARC Member Survey in your email in box.

Health and Welfare -

Ron KC2TBD is a Silent Key. The funeral is now scheduled for Tuesday, October 11th at 2:30 PM at Louis Suburban Funeral Home at 13-01 Broadway in Fair Lawn. Judith KC2LTM sent a card to Ron's family. A moment of silence took place.

Glad to see Fred W2AAB is here and feeling better.

Social Media Committee - You Tube and Facebook - Thom W2NZ - not present

RACES / ARES - David KD2MOB -

David talked about the NNJ ARES SET (Simulated Emergency Test) which is taking place on Sunday, October 9th between Noon and 1300. The objective is to communicate with ECs, DECs, ASECs or the SEC (Emergency Coordinators, District Emergency Coordinators, Assistant Sectional Emergency Coordinators and the Sectional Emergency Coordinator), on 146.58 simplex. Use full power from HTs, mobile or base stations. You are encouraged to call "CQ NNJ SET". The information will be gathered within 48 hours.

Bob KD2BKD mentioned the possibility of a fox hunt. Stay tuned for details on that event.

We would like more participation on the ARES / RACES / CERT net which takes place every Wednesday at 8:00 PM.

VE Sessions - Gene W02W -

On September 17th, there were three candidates, they all passed. The next exam date - Saturday, October 15th. Three people have registered. An online General Class was announced within the IO Group. Steve mentioned the General Class is being presented by Roland Anders K3RA of the National Electronics Museum. He is an excellent presenter.

A free, weekly, live, Amateur Radio General Class Licensing course on Zoom will begin on Thursday, Oct 27 and will run through Thursday, January 5. There will be 9 sessions, with two breaks for holidays. The three-hour sessions will start at 6:30 PM Eastern Time. Sessions will be recorded. These are the classes that we have been holding for years sponsored by the National Electronics Museum. Please publicize this with anyone that you think would be interested. Those wishing to sign up should email

roland.anders@comcast.net

Auction Chair - Bill WA2WL -

October 2022 FLARC Business Meeting, continued

- The website will be online and open for sellers to register on November 1st.
- We are looking for volunteers.

Old Business -

Dave KD2JIP purchased a powerline internet adapter for getting it connected to the teen lounge where we have meetings. Tests showed that it will not work for that purpose because the power wiring between upstairs and downstairs is isolated. The cost is \$50 and can't be returned. Gene WO2W motioned that Dave get reimbursed for it since it was purchased in consideration of the club. Motion seconded.

Bob KD2BKD has renamed his group to include Raspberry Pi and 3D printing. Another potential group - Fox Hunting, Antenna direction finding.

Noel W2MSA - Portable Operations Special Interest Group - POTA (Parks on the Air) has been very active in Slack and in the field.

Steve KA2YRA is the New Jersey Mapping Coordinator and had some comments. The map includes dots for all State and Federal parks. The yellow dot doesn't represent the entire park - The Appalachian Trail is 1 dot, even though it's over 2,000 miles long. Steve has been to 59 State and Federal parks in NJ. Steve is there to plan and be a resource.

David K2DBK has been very active and had some comments. He coordinates on Slack with spotting to inform the group where to contact operators. Great way to pick up new parks. Come join us on the Slack channel. The burden is on the activator for reporting.

Noel - There are currently 50 members in this special interest group and Slack channel. Slack is used quite a bit.

New Business -

Fred W2AAB - Donation to the club. Pete W2MP has a 200 lb, 40 foot US Tower Telescoping mast which has to be moved. The club can get it for free and then can sell it, we need a couple of people to remove the bolts and move it to the club if possible. The resale value is around \$2,000. It was suggested to coordinate with Bill WA2WL.

Steve KA2YRA - W2I Intrepid 40th Anniversary Special Event Station. We had over 1,000 QSOs with a dozen club members operating for the event. Steve made a motion to donate \$100 to James KD2FMH to cover the cost of the special QSL cards. Seconded by Brian KD2KLN. Motion carried unanimously.

Steve WI2W - motion to place the 6 meter and 10 meter antennas on the tower was tabled. Much work has to be done per Paul W2IP.

Nomar - Nomination Committee

Two Trustees - Fred W2ABE and Brian KD2KLN are the Nominating Committee as agreed to by the Council. Ed WX2R went over the By-Laws.

Nomar stated one Trustee position is opening up and the Vice President position is opening up. Jim W2JC stated that in November additional nominations can be made from the floor.

8:52 PM - Motion to Adjourn -

Motion to close the meeting by Bill WA2WL, Seconded by Skip KD2BRV. Motion carried unanimously.

Respectfully submitted on October 9, 2022 by David KD2MOB. 73.

Past FLARC Member Profiles

Here is a list of past member features and we welcome your recommendations for new profiles -- including your own.

Month	Name	Call Sign
January 2016	Pete	KB2BMX
February	Marco	KC2ZMA
March	Ron	KC2TBD
April	Kai	K2TRW
May	Larry	WA2ALY
June	Dave	N8MAR
July	Steve	WI2W
August	Thom	W2NZ
September	Brian	KD2KLN
October	Brad	KM2C
November	Al	WA2OWL
December	George	W3EH
January 2017	Fred	W2ABE
February	Dave	KD2MOB
March	Randy	WU2S
April	Lee	KD2DRS
May	Gene	WO2W
June	Carol	KD2NMV
July	Kevin	KC2KCC
August	Robert	KD2NOG
September	Robert	KD2BKD
October	John	KD2NRS
November	Fred	W2AAB
December	Margaret	W2GB
January 2018	Brian	KD2OAZ
February	Bennett	KO2OK
March	Van	W2DLT
April	Aly	ALØY
May	Bruce	NJ2BK
June	Dave	N2AAM
July	Karl and Susan	W2KBF and W2SKT
August	Steve	KA2YRA
September	Paul	K2PJC
October	Skip	KD2BRV
November	Jim	W2JC
December	Tom	N2AAX

By the way, Randy (WU2S) has compiled a binder of all back issues of *The Resonator* and it's located in the club office.

Thanks Randy!!!

2019-20 Member Profiles

The year is now complete and here is a list of the 2019 monthly profiles. See past profiles elsewhere in *The Resonator* to check back in the archives to see each featured member's background.

Month	Name	Call Sign
January 2019	Dave	KD2JIP
February	Jim	K2ZO
March	Zach	KC2RSS
April	Bob	N2SU
May	Stan	KC2K
June	Steve	WA2BYX
July	Roger	K2RRB
August	Judith	KC2LTM
September	Chris	W2TU
October	Bob	N2SU
November	Bob	WA2ISE
December	Carol	KD2NMV
January 2020	Gordon	W2TTT
February	Chris	KD2JQZ
March	Glenn	KD2MDR
April	Steve	K2SAB
May	Ahmed	NJ8Y
June	Charlie	AC2ZU
July	Jim	N2JLF
August	Walt	K3DQB
September	Gregg	N2ECH
October	Jim	W2KNG
November	Dave	KD2SGM
December	Bill	NB1ILL

2021 Member Profiles

Here is a list of the 2021 monthly profiles.

Month	Name	Call Sign
January 2021	Ed	KD2TVT
February	John	W2USN
March	Noel	W2MSA
April	Gene	KD2VNI
May	Berlotte	KD2MYF
June	Noel	N2OEL
July	Roy	KD2VMX
August	Jeremy	K2GRI
September	Bill	WA2WL
October	Nomar	NP4H
November	David	AC2GL
December	Paul Brennan	N6FB/MØJOV